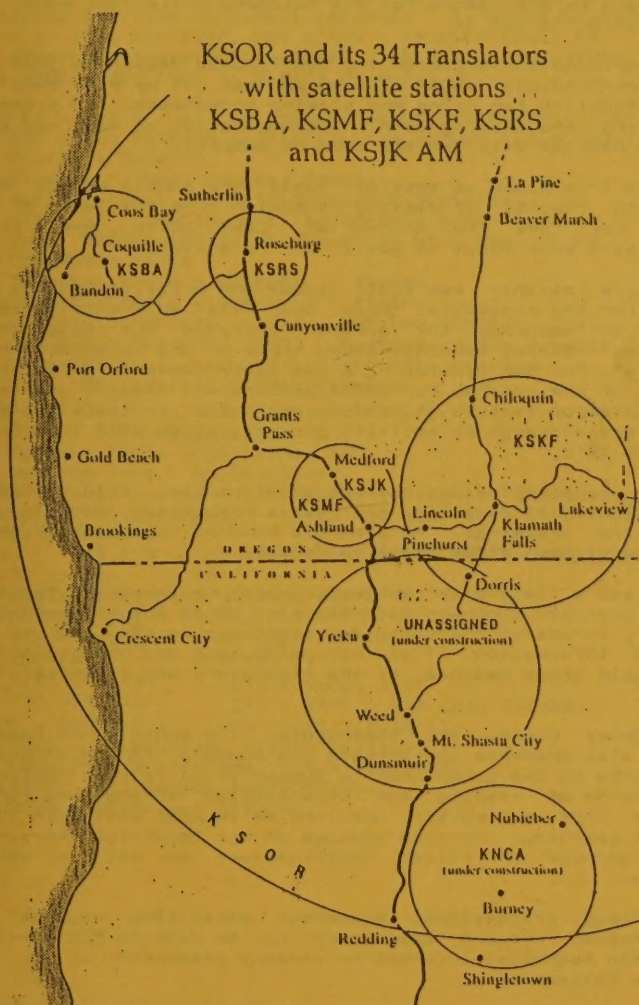


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 1991

Jefferson Public Radio at a Glance



SPECIAL REPORT



'91 CONFERENCE

D U N K I R K - - D O N E E X C E E D I N G L Y W E L L

Not unlike a pilgrimage of the devout to a Holy Shrine; almost three dozen diehard dx'ers headed for the hallowed hills just south of Dunkirk, NY on August 9, 10 and 11.

New arrivals converged on the Bob Seybold residence just off I-90 at the Dunkirk/Fredonia exit. The garage was set up with swap and freebie tables, a facility for dxing and viewing videotapes, and plenty of room for visiting and chowing down. Although a lot of time was spent at the house, the hilltop site was the main DX outpost.

Why is this place so special? Well, the annals of DX history are filled with reports of amazing reception from this area of Western New York, not far from the shores of Lake Erie...and this year's conventioners were about to get in on the action.

Friday's weather was cool, cloudy and drizzly; but the tent set up specially for the convention made the hill tolerable. Besides, tropo were in! On Saturday the weather improved but reception conditions deteriorated. Sunday morning, super tropo on the legendary hill netted six new U's for Bob (including a low power repeater in Springfield, IL) and scores of new catches for WTFDA members who brought gear to see how they could do on 'the hill'. No Es was noted, at least not enough to ID anything; and although Ms activity produced pings well into the FM band, nothing was ID'd.

Bob's hospitality was evident at all times. Cold drinks and snacks were plentiful. At meal time there were hamburgers, hot dogs, cold cuts and all the trimmings. He's an old hand at this sort of thing, having hosted several past WTFDA meets in Dunkirk.

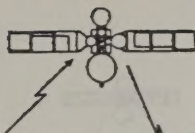
This was a 'laid-back' convention with no scheduled functions other than the business luncheon Saturday at 1 PM at the Vineyard Quality Inn. The primary thrust of the three-day event was to DX; and to hash over DX-related information. Those attending were not disappointed by either the available tropo catches, or the regulatory and technical information presented.

Dr. Bruce Elving, who contributes the monthly "FM News" column to VUD, (and also prepares and markets the monthly "FM Media" and annual "FM Atlas") spoke to the group about a number of DX related topics. He noted the importance of keeping the organization strong and growing; and emphasized that no matter how long we've been active in the hobby, we never stop learning. He also touched on the reception improvements made possible through IF filter modification; as well as other industry happenings.

Joe Gragg, professional broadcast consulting engineer and WTFDA Charter Member, brought the group up to date on FCC developments and added to the technical information already presented by Dr. Elving. An open forum followed.

CONTINUED.....
ON PAGE 43

SATELLITE NEWS



George W. Jensen
4604 Anniana Avenue
Baltimore, MD 21206-4220

Hello again. This time around I will present a sort of general review of SCPC activity. SCPC is another form of audio satellite transmission that requires a special receiver. These are not the standard sub-carriers one would receive on a standard satellite receiver. They do not require a video signal to be broadcast. I have not indicated satellites which do not have any apparent SCPC signals when I did my monitoring in mid-July. I have indicated a format heard when an ID was not forthcoming after a reasonable period of time. Some of these stations never seem to ID. The number before the station is the approximate position on a Heil receiver. It would be nice to have an ICOM receiver, but I don't at this time, so exact frequencies are not possible. This list does give you (I hope) some idea of what's up there.....

Satcom C1 - 137 W - all of the following are Vertical Pol.

- 206 - RFD Radio Network (Illinois Farm Bureau Radio Net.)
- 222 - Missouri Network
- 223 - 97 Country WIBW Topeka, Kansas
- 244 - Informational Brownfield Network Stations
 - close by - Instrumental Background Music
- 245 - Vocal Background music and close by - News feeds
- 392 - CBS Radio Feeds
- 524 - Transtar radio 2 channels - stereo
- 526 - Transtar radio 2 channels - stereo
- 717 - CNN Radio Network 736 - KNX Los Angeles, Cal.
- 727 - CNN Radio network 737 - Business Radio Network
- 739 - Transtar Radio Network - 2 channels stereo
- 749 - WIP - Philadelphia, Pennsylvania

Morelos 2 116.5 W - all of the following are Vertical Pol.

- 698 - XEAV - Radio Guadalajara
 - 699 - Nuclear Radio Guadalajara FM
 - 692 - Estereo Amor - Guadalajara
- 2 of these stations pulled the plug during the monitoring. They may not be permanent - these are the first SCPC I have noted on Morelos 2

Morelos 1 113.5 W - all of the following are Vertical Pol.

- 248 - US oldies - no ID
- 259 - Light background US rock music
- 261 - Estereo Rey - Mexico City
- 262 - Radio central - WEJP Mexico City
- 269 - Energy 99 - US Rap and POP
- 270 - News Station 278 - Radio Acir
- 277 - Red Nacional 285 0 XEWA - San Luis Potosi

ANIK D2 - 110.5 W - all Horizontal Polarity

- 719 - CKRW - Whitehorse, Yukon Territory
- 720 - CHON-FM - Whitehorse, Yukon Territory
- 772 - VOCM - St. Johns, Newfoundland
- 773 - CFWE - Edmonton, Alberta



SATELLITE NEWS

ANIK C1 - 107.3 W - all Horizontal Polarity
412 - Eskimo Service

G-Star 2 - 105 W. - all Horizontal
700 - Urban Contemporary Music (I guess at these formats
they are all boring and sound the same to me)
867 - CNN Headline News Service
ANIK D-1 - 104.5 W - all Horizontal Polarity
655 - Talk forever and ever
656 - CBC Central Northwest Terrs. - eskimo and Indian
597 - CBC Radio 596 - CBC West Inuvik, NWT.
543 - CBC same as 565
437 - CBC Yukon 436 - CBC French
329 - CBC same as 596
G-Star 1 - 103 W. - Horizontal Polarity
844 - KILA Las Vegas, Nevada (?)
Westar 4 - 99 W. The following are Horizontal (hold on to
your tights for this list)
121 - Family Radio - 2 channels - stereo
122 - Voice of Free China - Taipei, Taiwan
123 - Family RADIO - 2 channels - stereo
129 - Chinese programs
130 - Chinese programs
141 - Religious = 2 channels - stereo
150 - KCBI - Dallas, Texas
168 new feeds
203 - National Public Radio
205 - All-Hit Radio
206 - WNTL - Indian Head, Maryland (DC suburb) Arabic in day
// to AM
209 - Public Radio - Classical Music
210 - 2 together here - louder was Punk Rock format (really
weird music and totally awesome weird kid sounding DJ's)
possibly a Public Radio outlet underneath
210 + - Very oldies music format
211 - Public radio
211+ - Pop music service - no ID even on the hour
219 - Radio talking Book type of service
220 - BBC Radio World Service
220+ - KPRC Houston, Texas
221 - SIS Spanish Radio News Network
221+ - news feeds
221+ - Georgia Network News
221 - Greek language stuff
222 - Background music
223 - KLON FM Long Beach, California
224 & 226 - Public radio
228 - Cadena Radio Centro - CRC
234 - Texas Rangers Baseball (in progress)
238 - Classical Music - Public Radio
242 - Classical Music
246 - Soldiers Satellite Network 254 - Radio Reading Service

SATELLITE NEWS



255 - ARN - Alabama Radio Network
 255+ - WHO - Fes Moines, Iowa
 256 - Kansas reading Service (obits read from Kansas)
 All of the following from Westar 4 are Vertical Polarity
 206 - Illinois Farm Network
 209 - WVAQ - Morgantown, West Virginia 2 channels - stereo
 216 - Progressive Farmer Network
 216+ - news feeds
 220 - Oklahoma News feeds
 222 - 97 Country - WIBW - Topeka, Kansas
 224 - WWL - New Orleans, Louisiana
 225 - Monitor Radio News
 251 - ABC News
 254 - Magic 99 FM - WPLZ Petersburg (Richmond) Virginia
 many test tones noted - many other news services which have
 intermittent operations - and weird test tones - like someone
 squeezing a rubber duckie?
 Spacenet 3 - 87 W - all Horizontal Polarity
 150 - Special News Features feeds
 488 - Religious feeds
 VCY America (religious) 2 channels - stereo (488 oops)
 490, 491, 491+, 495, 496, 497, 497+ - Music network
 Country/Middle of the Road/Z-Rock/Oldies/The Heat/Classic Rock
 493 - Notes of Praise
 494 - The Touch
 K-2 - 81 W - Vertical polarity
 340 - Linder Farm Network - Minnesota
 group of music services that sounds like the bunch
 on G3 XPDR 11 - normal sub-carrier
 Galaxy 2 - 74 W - all Horizontal polarity
 203 - KIRO - Seattle, Washington 206 - WLW Cincinnati, Ohio
 207 - WBAL Baltimore, Maryland (occ.) 208 - USA Radio Network
 212 - 92.3 K-Rock New York, New York
 213 - WGR - Buffalo, New York
 219 - WTMJ - Milwaukee, Wisconsin
 223 - NBC? feeds 224 - WSB - Atlanta, Georgia
 225 - Sun Radio Net. 228 - WGN - Chicago, Illinois
 229 - XEPRS - Tijuana (San Diego) a 15 minute Spanish
 Insurance Commercial????
 236 - KWKW (tent. ID - Los Angeles, Cal. Spanish
 238 - WJR - Detroit, Michigan 238+ WWWW FM Detroit, Michigan
 240 - American Radio Network - Baltimore
 241 - KMPC - Los Angeles, Cal. 242 - Agra America Radio Net.
 243 - KSFO - San Francisco, Cal/244 - KDKA Pittsburgh, Penn.
 245 - SIS - Spanish Network/253 - KUSC - Los Angeles, Cal
 259 - KMXI - Lake Oswego/Portland, Oregon
 Satcom 2 - 72 W - Horizontal Polarity
 548 - Radio Marti/547 Radio Rebelde Havana (not noted lately)
 Spacenet 2 69 W - KU ONLY Horizontal
 403 - KSJO - San Jose, California
 PanAmSat - 45 W - KU ONLY - Vertical Polarity
 700 - BBC World Service
 Intelsat 34.5 West - Horizontal Polarity
 778 - tentative number - but definite - Gronsland radio
 Greenland
 That's all for this go-round. Additions and Corrections
 appreciated. See you in 30 '73's

George

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

SEPTEMBER 1991 DEADLINE: The 5th LOG CUTOFF: 2 months from when mailed

Well July picked up somewhat in the Es/Tr category but many DXers are still not happy with this season. Best days were July 1st, 2nd, and the 19th; on the 19th skip as short as 420 miles was IDed, plus reportedly a MUF of ch12!! In other news, Matt Stitel is going to do the TV/FM CCI column, so hold your unIDs until we get more information on that. It's good to see that column back again. Fall crops may be upon us soon, very often September turns out to be the best month for it, so keep your eyes and ears peeled!....

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX-11, Sherwood receiver, Probe 9 @ 30 feet agl, new underlined

MAY 1991 DX

21 Tr

0736 WMJQ 102.5 NY Buffalo, Magic 102.5
2137 CFCA 105.3 ON Kitchener, concert

23 Tr

0638 WMZQ 98.7 DC Washington

24 Tr

0642 WNNN 101.7 NJ Canton, g
0722 WFA5 103.9 NY White Plains, traffic
0739 WZFM 107.1 NY Briarcliff Manor, Express
(Mike, the calls are now WXP5-gc)

26 Tr

2151 WGCN 96.1 PA Red Lion, g o/WSRS

28 Tr

2228 WZSH 95.1 NY S.Bristol, W-I-S-H,
Wish 95, no WRKI heard
2240 WKPQ 105.3 NY Hornell, very strong
2246 WMXW 103.3 NY Vestal, all alone there
2250 WUFX 103.3 NY Buffalo, 103.3 The Fox
2254 WMJQ 102.5 NY Buffalo, again v.strong
2303 WBUF 92.9 NY Buffalo, "The All New
Mix 92.9", oldies

2310

2310 WNED 94.5 NY Buffalo, c
2311 WDCX 99.5 NY Buffalo, g
2314 WJYE 96.1 NY Buffalo, "Joy 96"
2315 WKSE 98.5 NY Niagara Falls,

Kiss Concert Line

2325

2325 WHGL 100.3 PA Canton, k
2331 WLWY 94.3 NY Elmira, 94-Rock
2344 WSGD 94.3 PA Carbondale, oldies

29 Es

1900 KBEZ 92.9 OK Tulsa, news, wx
1901 KEAY 92.9 AR Fayetteville
1915 KOLL 94.9 AR Pine Bluff "Kool 95"
1922 KWKH 94.5 LA Shreveport
1925 KLUV 98.7 TX Dallas, K-Love
1932 KAMD 97.1 AR Camden, 97 Country
(Mike, note that this is Camden, AR-gc)
1945 KHLT 94.1 AR Little Rock, K-Lite 94.1
2000 X??? 99.7 SS on this channel, Mexico
mentioned. Since the FM Atlas only lists 4 stations
in Mexico on 99.7, I would suspect Monterrey, but
I will send out a copy of the tape for someone to ID
2010 WALX 100.9 AL Selma, Laser 101
2010 WDXX 100.1 AL Selma, Dixie 100
2012 WQSM 103.1 MS Ocean Springs
2016 WQCM 102.3 MS Gulfport, Miss Coast 102

JUNE 1991 DX

5 Tr

2130 WFRS 88.9 NY Smithtown, WJMJ 88.9
off for XMTR repair, WFRS L&C

JUNE 1991 DX

8 Es

1914 WMFQ 92.9 FL Ocala, Q-Lite 92.9
1916 WFLZ 93.3 FL Tampa, Power 93,
The Power Pig ????

10 Tr

0745 WMGM 103.7 NJ Atlantic City, Sunny 103.7
(Have calls changed? (I don't think so-gc)

13 Tr

0736 WJAN 95.1 VT Sunderland, k, Country 95.1

18 super Tr: to Northeast for a change

1945 WWEM 96.7 NH Rochester, Easy Mix 96.7
1947 WQCB 106.5 ME Brewer, k
2000 WZID 95.7 NH Manchester, right
over WKSS!!!

2020

2020 WWSS 101.5 NH Meredith, Sunny 101.5
2030 WFTN 94.1 NH Franklin, New Hampshire
Classic Hits

2032

2032 CJLS 93.5 NS New Tuskett, FM Atlas

says only 3,000 watts!

2055

2055 WKZS 99.9 ME Auburn-Portland

2105

2105 WMME 92.3 ME Augusta, r, 92 Moose

2120

2120 WCQL 95.3 ME York Center

2137

2137 WLNH 98.3 NH Laconia

2142

2142 CJLS in again, "The Sound Choice"

2149

2149 WBOQ 104.9 MA Gloucester, W-Bach FM, c

2204

2204 CBAF 14 102.3 NB Fredericton, French

2245

2245 WCMC 103.3 ME Rockland

2314

2314 WCDQ 92.1 ME Sanford

19 Tr

0745 All Montreal stations super strong. CITE

107.3 alone on the frequency completely covering

WAAF, CBM 93.5 and CJFM 95.9 excellent.

0752 WZPK 103.7 NH Berlin, Peak FM

29 Es...first time Es noted on FM this month

1253

1253 WQLM 92.9 FL Punta Gorda, Lite 93 FM

1258

1258 WMIE 91.5 FL Melbourne

1302

1302 WSOR 90.9 FL Naples, Christian Rock

1350

1350 WNOE 101.1 LA New Orleans, Country 101

1353

1353 WEZB 97.1 LA New Orleans, B97

1355

1355 WQUE 93.3 LA New Orleans

1357

1357 WLTS 105.3 LA Slidell, Lite 105.3

1520

1520 WCTQ 92.1 FL Venice, k

1533

1533 WHVE 102.5 FL Sarasota, The Wave

30 Es

2055 WSCD 92.9 MN Duluth

2100 WRLS 92.1 WI Hayward

2123 KBRF 103.3 MN Fergus Falls

2136 WIHN 96.7 IL Bloomington

2245 KPAT 97.3 SD Sioux Falls

2353 WOW 94.1 NE Omaha

2356 KOGA 99.7 NE Ogallala High Plains

MIKE BUGAJ's REPORT continues...

JULY 1991 DX1Es

0017 KFNE 101.1 KS Oberlin
 1723 WJMI 99.7 MS Jackson
 1732 KRRV 100.3 LA Alexandria
 1940 WKMX 106.7 AL Enterprise
 1941 WGNL 104.3 MS Greenwood
 1942 WZZK 104.7 AL Birmingham
 1947 WBKJ 105.1 MS Kosciusko, k, K-105
 1944 WLTS 105.3 LA Slidell
 1945 WACR 103.9 MS Columbus, r
 1951 WJDX 96.3 MS Jackson, Mix 96
 1952 WLZA 96.1 MS Eupora, Laser 96, oldies
 1958 WMGW 107.5 MS Magee, Kixie 107,
 have calls changed? (Now WKXI-gc)
 2000 WAKH 105.7 MS McComb, K106
 2016 WENN 107.7 AL Birmingham, ID w/WAGG
 2021 KQXL 106.5 LA New Roads, r, Q106
 2026 WDJR 96.9 AL Enterprise
 2028 WAVH 96.1 AL Mobile, Oldies 96.1
 "The Gulf Coast's Wave"
 2029 WKJN 103.3 LA Hammond, Cajun 103
 2036 WIKK 98.9 MS Town sounded like
 Wurtman or Kurtzman or something close
 2039 WSHK 97.7 AL Russellville, Shoals 97
 2056 WCGM 102.3 MS Gulfport, Coast 102, o
 2058 WOSM 103.1 MS Ocean Spring, g

JULY 1st skip continued

2058 WZRH 106.1 MS Picayune, dual ID with
 New Orleans, Z106.1 (Mike, note city-gc)
 2107 WBBN 95.9 MS Taylorsville, B-95
 2114 WGUD 106.3 MS Pascagoula
 2117 WWZQ 105.3 MS Aberdeen, baseball
 2119 KMYZ 104.5 OK Pryor
 2130 KLAA 103.5 LA Tioga, "LA 103"
6Es
 1100 WNGS 92.1 FL W. Palm Beach
 1103 WMFQ 92.9 FL Ocala, Q-Lite 92.9
 1112 WEZY 94.1 FL Lakeland
 1120 WHTK 99.7 SC Port Royal
 1120 WWKA 92.3 FL Orlando, K92, k
 1122 WWLV 94.5 FL Daytona Beach
 1125 WYNF 94.9 FL Tampa, 95-YNF
 1133 WQLM 92.9 FL Punta Gorda
8Es
 1313 WBKJ 105.1 MS Kosciusko
 1317 WWSL 102.3 MS Philadelphia, Classic 102
 1320 WIKK 98.9 MS Wickman?
 1333 WLTS 105.3 LA Slidell
 1400 WKSJ 94.9 AL Mobile, 95KSJ
 1407 WBLX 92.9 AL Mobile

12 Tr

Norfolk area in very strong
 2150 WDLX 93.3 NC Washington, 93-3
 hardly uses its calls

That's about it for now. Es was pretty much a bust with the season only going from June 29th to July 8th. But the trop made up for it with a new province in New Brunswick. Can anyone help me with my Mexican on 99.7?

SAUL CHERNOS - P.O. BOX 611 - ORILLIA, ONTARIO CANADA L3V 6K5FROM BURNT RIVER, ONTARIOFEBRUARY 1991 DX

17 Tr
 1940 CBOF 90.7 ON Ottawa
 1950 WMHI 94.7 NY Cape Vincent
 2000 CBO 91.5 ON Ottawa
 2202 WTSC 91.1 NY Potsdam
 17 MS
 2325 WZXL 100.7 NJ Wildwood
MAY 1991 DX
 20 Tr
 2040 WKLQ 94.5 MI Holland, 94.5 KLQ, pr
 2045 WJFM 93.7 MI Grand Rapids, 93.7 JFM
 2120 CHRW 94.7 ON London
 2137 WFMK 99.1 MI E. Lansing, Lite Rock 99
 2145 WMUS 106.9 MI Muskegon
 2225 WGNB 89.3 MI Zeeland, g "WGNR
 WGNB" (Saul, note new calls-gc)
 2310 WHKQ 99.1 OH Dayton, "K 99.1", k
 2345 WKYN 97.5 PA St. Marys
 2350 WXC8 102.7 ?? (Saul, this is WXCD, the
 new calls for Mt. Clemens, Mich-gc)
 WOOD 105.7 MI Grand Rapids

2357
 21 Tr
 0016 CJFT 101.1 ON Ft. Erie (new to air), m
 0035 WAAL 99.1 NY Binghamton, rp
 0057 WBNI 89.1 IN Ft. Wayne, c
 0530 WTOF 98.1 OH Canton, g
 0723 WHFS 99.1 MD Annapolis
 0725 WDSD 94.7 DE Dover (new state)
 28 Tr
 2210 C? 91.5 PQ Val D'Or, // 90.7 French
 2225 CJMN 99.1 PQ Rouyn-Noranda, r, FF

MAY 1991 DX29 Tr

0745 WXJE 100.7 NY Henderson, (new to air)
 k. (Calls are WLKC-gc)

1831 WGLE 90.7 OH LimaFROM ORILLIA, ONTARIO:MAY 1991 DX24 Tr

0000 CKOI 96.9 PQ Verdun, "C'est Quoi?"
 disco-rap, French

0000 CKMF 94.3 PQ Montreal, pr, French0000 CITE 107.3 PQ Montreal, b, FrenchJUNE 1991 DX19 Tr

2100 C... 100.3 ON Ottawa, testing
 (see note #2)

20 Es1245 WZIA 94.9 FL Miami Beach, Z95

1248 unID 99.1 FL '99 Jams, Palm Beach
 Area" (Saul, WEDR Miami-gc)

1250 WCMQ 92.3 FL Hialeah, Spanish1253 WFLC 97.3 FL Miami1300 WEDR 99.1 FL Miami1303 WWLV 94.5 FL Daytona Beach1308 WCVU 94.5 FL Naples1315 WPCV 97.5 FL Winter Haven, 97 Cntry1322 unID 92.1 92 Kicks, k (country)1323 WXLQ 92.1 GA Hinesville1325 WCTQ 92.1 FL Venica, k1340 W? 92.5 "K92 FM", k

Saul's DX continues on the next page.

SAUL CHERNO'S REPORT continues..

JULY 1 Es (from Orillia, Ontario)
 0010 KLOZ 92.7 MO Eldon, 293
 0011 KEEC 94.7 OK Oklahoma City, k
 0030 KKEG 92.1 AR Fayetteville, r, "K92"
 1148 WKPX 88.5 FL Sunrise
 1151 WMCU 89.7 FL Miami
 1153 WLVE 93.9 FL Miami Beach
 1209 KXLS 99.7 OK Alva
 1220 KZZ 90.7 KS Wichita "Z91"
 (ex KGAM?) (Yes-gc)
 1225 KZOC 92.9 KS Osage City
 1232 KCEV 88.3 KS Wichita
 1240 KMLW 89.1 KS Wichita
 1240 WNEB 94.3 FL Lake City



FROM TORONTO:
 MAY 1991 DX
 11 Tr
 1000 CJFT 101.1 ON Ft. Erie (new to air)
 12 Tr
 2200 CKWR 98.7 ON Kitchener
 23 Tr
 1048 CBOE 90.7 ON Ottawa, new to air
 1053 CBO 91.5 ON Ottawa, new to air
 1110 WMCE 88.5 PA Erie, p
 JUNE 1991 DX
 7 Tr
 0850 unID 104.1, The New Q-104, rp
 (I think it is likely WQAL Cleveland-gc)
 0900 CHRW 94.7 ON London, University
 of Western Ontario
 18 Tr
 2100 CKIE 99.1 ON Toronto (see note 1)

May was excellent for tropo, until July 1, the Es season's been a downer here we'll see if it lasts. I was in Quebec June 7 to 19 so may have missed some DX (not much, hi-gc). Note #2: I suspect 100.3 noises, which sounded really weird, to be Ottawa. In Orillia, I heard a woman announce, over classical music, "This is a test. This test will be repeated in 20 seconds. Radio Communications. 100.3 Mhz Ottawa, Ontario" The loop, including music, repeated every 20 seconds, a great skip target (Update: As of July 28 they were just an open carrier, in stereo-gc) Note #1: A French community effort, low power, for a Francophone community week. Ran June 15-22 only. "C'est Qui...Radio Communautaire" Too bad I couldn't get time to go to Burnt River! Enjoy the summer and the fall tropo, 73s, Saul

BOB SMOLAREK - 156 OLDWICK ROAD - WHITEHOUSE STATION, NEW JERSEY 08889

Equipment: McIntosh MR78, Carver TX11 modified, Stereo Probe 9

JUNE 1991 DX

29 Es

1425 WRKX 96.1 FL Bonita Springs, rp, 96
 Rock
 1430 WOLZ 95.3 FL Ft. Myers, o, Oldies 95
 1433 WQLM 92.9 FL Punta Gorda, rm
 ex 92.7
 1436 WRGI 93.5 FL Naples, o
 1442 WCVU 94.5 FL Naples, b, Seaview
 1443 KSMB 94.5 LA Lafayette, r
 1445 KZMZ 96.9 LA Alexandria, r
 1449 WYNF 94.9 FL Tampa, rp

30 Es

1200 ZFB 94.9 Bermuda, Hamilton
 m, thanks Rich Shatfan!
 1300 ZBM 89.1 Bermuda, Hamilton,
 r, heard on 89.21

JULY 1991 DX

1 Es

1710 KRTS 92.1 TX Seabrook, c
 1717 WJMG 92.1 MS Hattiesburg, r
 1725 KKBO 92.9 TX Pasadena, r, 93Q
 1755 KLSA 90.7 LA Alexandria, NPR
 1800 WJNS 92.1 MS Yazoo City
 2000 WHMA 100.5 AL Anniston, k
 ALABAMA 100
 2000 WXB 102.7 FL Milton, k,
 2003 WJDQ 101.3 MS Meridian, r, Q101
 2005 WKRG 99.9 AL Mobile, o, Coast 100
 2017 WOKK 97.1 MS Meridian, k
 over WQHT!!!!
 2019 WIIN 98.7 MS Vicksburg, k o/WRKSI
 2022 WJAD 97.3 GA Bainbridge, r

JULY 1st E-skip continued

2025 WDJR 96.9 AL Enterprise, rp
 2035 WBAQ 97.9 MS Greenville, b, Paul
 Harvey news, over WSKQ!!
 2036 WFXQ 104.9 MS Iuka, Tri-States Fox, r
 2040 WJKX 102.5 MS Ellisville, k,
 Hattiesburg's Kicks 102
 2042 WFMF 102.5 LA Baton Rouge, Hot 102
 2049 WOEN 103.7 AL Gasden, r
 2050 WHER 103.7 MS Hattiesburg, k
 "The Eagle"
 2051 WKJN 103.3 LA Hammond, k
 2100 WBBN 95.9 MS Taylorsville, k
 "Pine Belt Country"
 2100 WOFX 96.7 MS Gulfport, s
 2107 WJMI 99.7 MS Jackson, s, POWER 99
 2120 KJLO 104.1 LA Monroe, k, K104
 7 Tr
 0000 unID 103.1, WRBS 95.1 translator
 not in FM Atlas, suspect Salisbury
 0003 WKJX 96.7 NC Elizabeth City,
 k, WCEI briefly off
 0100 WXRI 107.7 VA Windsor, g
 Strong Norfolk opening early this morning
 1800 WBA 88.9 MD Baltimore, s
 19 Es
 1729 WFLC 97.3 FL Miami, r
 1733 WDDQ 92.1 GA Adel
 1852 WCTQ 92.1 FL Venice, k, proud cntry
 1856 WJIS 88.1 FL Bradenton, g
 1906 WAFG 90.3 FL Ft. Lauderdale, g
 1945 WBLX 92.9 AL Mobile, s
 2005 WQFX 96.7 MS Gulfport, s

BOB SMOLAREK'S REPORT continues...

JULY 19 es continued

2015 WTBB 97.7 FL Bonifay, o
 2017 WPCF 100.1 FL Panama City, g
 2025 WILN 105.9 FL Panama City,
 r, Island 106
 2030 WFSY 98.5 FL Panama City,
 r, Sunny 98.5
 2039 WEBZ 99.3 FL Mexico Beach, b
 2100 WSLE 102.3 GA Cairo, r, Whistle 102
 2101 WHBX 96.1 FL Tallahassee, r, ex 95.9
 2110 WGLF 104.1 FL Tallahassee, rp, Gulf
 2111 unID 100.5, several mentions of city
 of Enterprise, US100 slogan, can't find in
 Atlas or VUD (Bob, 91 M Street Journal
 says this is WXUS Fort Rucker, Ala-gc)
 2114 WRBO 104.7 FL Tampa, rs
 2115 WTRS 102.3 FL Dunnellon, k
 2119 WYGC 100.9 FL Gainesville, Gator k
 2122 WOYK 99.5 FL St. Petersburg, k
 over WBAI and WJBR
 2123 WEEJ 100.1 FL Port Charlotte, r
 New Coast 100

July 19th es continued

2124 WXTB 97.9 FL Clearwater, rp, 98 Rock
 2125 WMTX 95.7 FL Clearwater, r,
 Mix, over WFLN!!
 2128 WLCL 97.7 FL Micanopy, r, Clear FM
 2130 WDUV 103.3 FL Bradenton, b
 2145 WMMZ 93.7 FL Ocala, r, Z-93
 2153 WXdJ 95.7 FL Homestead, Spanish
 2155 WLVE 92.9 FL Miami Beach, rm
 2157 WOVV 95.5 FL Fort Pierce, r
 2205 WOLM 92.9 FL Punta Gorda, rm
 2220 WWFR 91.7 FL Okeechobee, g
 FAMILY RADIO
 2230 WOKC 103.1 FL Okeechobee
 20 Es
 1620 WTNT 94.9 FL Tallahassee, k
 1642 WMMK 92.1 FL Destin, k
 1648 WBLX 92.9 FL Mobile, s
 1649 WZEW 92.1 AL Fairhope, rp, 92 Zoo
 1819 WOFX 96.7 MS Gulfport, s
 1927 WGCM 102.3 MS Gulfport, r, Coast 102

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA V0S1E0 (604) 537-5201

PDT, @ = mobile, Toyota FM stereo

JUNE 1991 DX18 Es

2045 KMUS 101.9 WY K-Moose k\$, "SE
 Wyoming's K-Moose"
 2048 KMGW 94.5 WY - ad, calls 926
 2055 (KGGL) 96.1 CO - k, "Eagle", wx, PSA

JULY 1991 DX1 Tr @ = Comox BC

1445 KKCW 103.3 OR - Portland wx, \$ 399
 1459 KMHD 89.1 OR - NPR news, jazz 397
 1500 KGON 92.3 OR - legal ID, \$ 399
 1500 KUPL 98.5 OR - k, ID, news 399

2 Tr @ = Campbell River BC

0703 KCDA 103.1 ID - sports, ad, wx
 0739 KPBX 91.1 WA - Morning Edition
 0743 KXLY 99.9 WA - EZ100\$

3 Tr @ = Denman Island BC

0836 KPNW 99.1 OR, calls, ad, AC music
 0859 KLCC 89.7 OR, legal ID, NPR news
 0900 KWAX 91.1 OR, ID, concert listings

JULY 3 Tr @ = Campbell River BC

2231 KLCC 89.7 promos, ID\$, strong
 2247 KMGR 94.5 soft rock, ID, ad
 7 Tr @ = Nanaimo BC
 0800 CBRY 105.1 BC // AM 690 mono, CBC rx
 0805 CBYT 104.5 BC // 105.1 & 690

8 Tr

2205 KPQ 102.1 WA Q102, soft rock 187
 2230 K212AD 90.3 WA, KFAE ID, jazz

11 Tr

0714 KFFM 107.3 WA K-Double-FM, \$ 213
 0725 KFAE 89.1 WA, Morning Edition, \$ 279

14 MS

0912 CHSN 102.1 SK (new provincial) "...picnic
 this coming weekend at Dielenbaker Park on the
 South Side of the river, and Sun 102 will be..."

FM JAPAN
81.3 FM

Tropo up Vancouver Island was good. I was disappointed that northern BC never showed. Alaska still eludes me!! Either tropo or Es, I'll take it any way I can get it! I'll be back up the main island early in August so will be tropo hunting then. Sporadic-E on FM has been almost non-existent this year - the poorest on record of 18 years of FM DXing (A lot of DXers have been saying that; it is the worst of my 6 years DXing too-gc). Correcting mistake in my last report, CKIK 107.3 Calgary is still p not k. Auroral strength and MUFs not enough for FM DX. Perhaps the DX gods smiled on some of you this summer. Hope convention '91 was a blast! 73\$, Mike VE7SKA

CHARLES GAUTHIER - 3260 BEAULIEU - BROSSARD, QUEBEC CANADA J4Z 2P7MAY 1991 (distance is miles)20 Es

1405 WRAW 88.7 AL Dothan 1200
 1927 WMAU 88.9 MS Bude 1372
 1954 WTYX 94.7 MS Jackson 1305

20 Tr

2015 WTQS 105.1 ME Skowhegan 195

JUNE 19912 Tr

0930 WRVO 89.9 NY Oswego 209
 to WZSH 95.1 NY S.Bristol 261
 1000 WRMM 101.3 NY Rochester 261

17 Es

2307 WOFX 94.9 OH Farifield 727

18 Es

1800 WCTQ 92.1 FL Venice 1382

I hope you're having a great summer!

Soixante-Treize (73), Charles

NORTHERN FM DX

SEPTEMBER 1991

ROBERT S. ROSS (VE3JFC) - BOX 1003 STN B - LONDON, ONTARIO CANADA N6A 5K1

Equipment: Marantz 2226B receiver, FM beam antenna

JUNE 1991 DX

27 Tr

2357 WIAA 88.7 MI Interlochen, classical mx pgm
"Mx Through the Night", ID WIAA/WIZY

28 Tr

0056 WJPD 92.3 MI Ishpeming, c/w mx, ID with
Marquette, NBC news

29 Es

1408 WJIS 88.1 FL Bradenton, gospel mx, ID

1418 WGSF 89.5 FL Mayo, "Finest Southern Gospel
Radio - WGSF Radio 89.5 FM"

1500 WGNP 90.7 GA Albany, "It's 95" in South
Georgia at WAPT 101.1 Valdosta, and WGNP 90.7
in Albany, gospel music

1503 WFSU 91.5 FL Tallahassee, time check, wx

JULY 1991 DX

1 Es

1015 KMSI 88.1 OK Moore, "Oasis Network", rigs
programs, gospel talk pgm, called them to confirm

1145 KNGM 91.9 KS Emporia, Time Check, local
sponsors in Emporia, "Kingdom 92"

1159 KRPS 89.9 KS Pittsburg, legal ID, pgm spot

1218 KHCD 89.5 KS Salina, ID as "KHCC & KHCD
We're Radio Kansas", into classical music

1223 KANZ 91.1 KS Garden City, local items

1241 WOLZ 95.3 FL Ft. Myers, local Ft. Myers ads
ID as "WOLZ Oldies 95", contest promo

1225 KHLT 94.1 AR Little Rock local ads

1323 KYTT 91.7 TX Dallas, gospel talk pgm,
ment of Dallas church "Light of the World-KYTT"

1941 WCHY 94.1 GA Savannah, "All Nite Show
on WCH", contest promo, c/w mx

1949 WXVS 90.1 GA Waycross, "Peach State Pub.
Radio", upcoming pgms, local ments

2059 WMGE 107.7 FL Mt. Dora, Magic After Dark

2118(WXTB) 97.9 FL Clearwater, lcl spot, ex WKRL

2129 KYYK 98.3 TX Palestine, lcl ad, ID as

"98.3 KYYK - East Texas", c/w mx

2140 KTMJ 104.1 TX Tyler, Magic 104, local ads

2 Es

1231 KBEM 88.5 MN Minneapolis, STATE #34,

2150 watts. wx report for various Minn Cities news

1229 KCRB 88.5 MN Bemidji, sponsor in Cass Cnty

"Minn. Public Radio KCRB 88.5 Bemidji G Rapids"

1234 KSRQ 90.1 MN Thief River Falls, c/w mx

OM DJ with weather report, 57° temp, 3 kw

1249 KMSR 94.3 MN Sauk Centre, "Magnet Radio"

"Minn. Agriculture Radio", called to confirm, 3 kw

1250 CHIO 94.7 MB Winnipeg, PROVINCE #7,

"Q-94 FM Winnipeg", CDT time check, ads

19 Es

1836 WOZN 98.7 FL Key West, "WOZN Classic

Rock", DJ "Dano", ads ment US Hwy 1

1858 WEAT 104.3 FL W. Palm Beach, S. Fla wx spots

1906 WRTO 98.3 FL Goulds. SS talk, SS jingles,

ments of Miami and Homestead, "Radio El Sol"

into lively Spanish mx, 1550 watts!

1852 WKLG 102.1 FL Rock Harbor, ads, c/w mx,

"Serving South Florida, K-Country 102.1 FM"

1923 WWRM 107.3 FL St. Petersburg, local ads

"Tampa's Warm 107 FM", soft rock

2000 WSRZ 106.3 FL Sarasota, Oldies 106, all

Oldies all the time for the Suncoast

2004 WTUF 106.3 GA Boston, calls, w/ WSRZ

2009 WFLZ 93.3 FL Tampa, "power 93 the power

pig", Florida Lottery spot, rock mx

2020 WOYK 99.5 FL St. Petersburg, country concert

spot, calls, also ID as "K99", c/w mx

2033 WXXL 106.7 FL Leesburg, XL 106.7, funky mx

2050 WHYI 100.7 FL Ft. Lauderdale, "Friday Night

Fever on WHYI, into disco-Bee Gees mx, Y100

This was an extremely intense Es opening. MUF was

up to 150 Mhz at least. Worked Florida stations on 2

mtrs. FM 146.55 Mhz simplex!!

WQMC

FM 95.3

HARRY J. HAYES - 9 HENRY STREET - WILKES-BARRE, PENNSYLVANIA 18702

Equipment: GE Superadio, Jerrold 9 element in attic, Radio "at-set" amp

JULY 1991 DX

1 Es

1934 WEZB 97.1 LA New Orleans

1945 WQNZ 95.1 MS Natchez, Country 95.1

2000 WFFM 105.7 GA Ashburn, "memories"

2025 KJTB 105.5 LA Eunice, oldies

2035 WYTM 105.5 TN Fayetteville, ID

a mention of Lincoln County

2054 WLTS 105.3 LA Slidell

2102 WKSM 99.5 FL Ft. Walton Bch, Kiss

2105 WKNN 99.1 MS Pascagoula, K-99

2018 KBXR 97.3 OK Weatherford, oldies

2115 WFFX 95.7 AL Tuscaloosa, The Fox

2125 KKMY 104.5 TX Orange

2150 KZMZ 96.9 LA Alexandria, Power

96.9, rr, no calls heard

5 Tr

2155 WKNE 103.7 NH Keene, "KNE FM"

2345 WVOs 95.9 NY Liberty, good after

WBNE nightly 2400 signoff

6 Tr

0015 WYNY 103.5 NY New York, c/w

2048 WMRF 95.9 PA Lewiston, jx and rr

JULY 6th Es And Tr

1329 KKJQ 97.3 KS Garden City, soft rr

2210 WKMZ 97.5 WV Martinsburg, rr KMZ

2235 WXYC 103.7 MD Havre de Grace,

c/w. "Extra 103.7"

19 Es

2008 WKSJ 94.9 AL Mobile

2015 WAVH 96.1 AL Mobile

2020 WABB 97.5 AL Mobile

2025 WDJR 96.9 AL Enterprise, prog rr

2038 WGLF 104.1 FL Tallahassee, prog rr

2040 WPFM 107.9 FL Panama City, new rr

2042 WEBZ 99.3 FL Mexico Beach, strong

with soft rock

2050 WFFM 105.7 GA Ashburn

2105 WPGV 97.5 FL Winter Haven

2115 WDIJ 100.3 FL Orlando, weak

2120 WWRM 107.3 FL St. Petersburg, Warm

2129 WOGL 105.9 FL DeLand, Cool 105.9

2132 WDUV 103.3 FL Bradenton, one of

the Easy Listening dinosaurs

2148 WINK 96.9 FL Ft. Myers, new WINK

2150 WYNF 94.9 FL Tampa

HARRY HAYES REPORT continues...

JULY 1991 DX

19 Tr
2350 WASH 97.1 DC Washington
20 Es
1746 KOUS 97.5 AR Hot Springs
1748 KEGL 97.1 TX FtWorth, best new mix
1807 WJMI 99.7 MS Jackson
1810 WKSM 99.5 FL Ft. Walton Beach

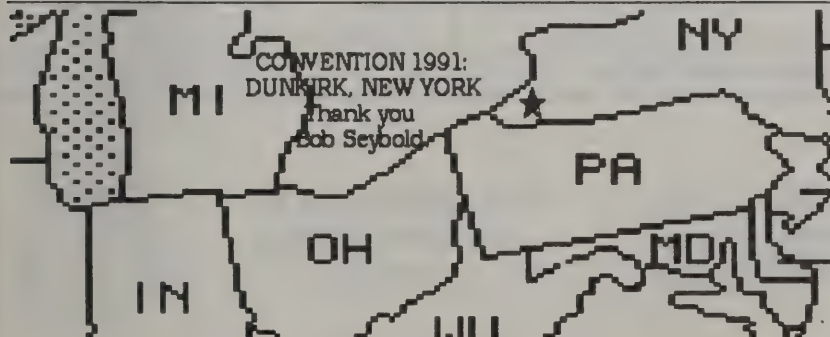
JULY 20 Es cont.

1813 WDJR 96.9 AL Enterprise
1823 WAVH 96.1 AL Mobile
1824 WABB 97.5 AL Mobile
1901 KCBT 90.9 TX Dallas
26 Tr
2353 WKYN 97.5 PA St. Marys, top 40
and movie schedules

July didn't turn out too badly as far as FM E-skip is concerned but there was a shortage overall E-skip. In other words it seemed that what Es there was this moth had skip into FM. A hot dry month resulted in a shortage of real tropo DX. As far as some of my new semi locals are concerned I note that the new 99.7 in MtCarmel, PA which puts in a respectable signal here, gets hammered by the e-skip, especially by WJMI when it comes in. WYMK-107.7 Tunkhannock, PA at 30 miles distant is quite good here but was inaudible when WPFM 107.9 FL boomed in on the 7/19 opening. This general area of the state is slated to get a "whole slew" of new FM stations, most of them on choice frequencies here, personally I hope none of them ever come on. Who is going to listen to all those stations anyway. The band already sounds like New York City when you tune across it. I'm especially hoping that the Mountaintop 97.1 does not materialize. This is owned by a local family that already has too much money and would just be another profit vehicle for them. Enough already, here's hoping for a good tropo August.

COLUMN NOTES: The policy concerning log cutoff has been changed slightly. Some members pointed out that it is not worth it to send in a report with only a few loggings. So the new rule is this: The log cutoff will still be 2 months from when you mailed it in, but up to 6 loggings before that date will be allowed. So, if you mail me a report on Sept. 1st, everything since July 1st will be eligible, plus 6 loggings before that. Also, Mark Strickert has put together a publication called "Radio Central". It covers AM/FM/TV in the North Central US, roughly from Davenport to Erie and Duluth to Paducah, Ky. It has plenty of information such as station addresses, specific information on music and programming. It is \$3.50. For more information write Mark: 3652 N. Oconto, Chicago, Illinois 60634.

STATION NEWS: KSWK 106.9 Daingerfield, TX is on the air with oldies, also on is KTXK 103.5 New Boston, TX, Unistar Country "Kicks 103.5". 95.9 KLLI Hooks, Tex. is now "Oldies 96", KPYN 99.3 Atlanta, Tex is now "Capon 99.3 FM", and KHSP 103.9 Ashdown, Ark. is "Spirit 103.9". In the Madison area, WMMH 105.5 is on with "adult rock and roll". In August, WYYS 96.7 Cayce-Columbia, SC was rumored to have gone country, WHKZ. WXUS 100.5 Fort Rucker, Ala. is on the air, country, "US100"; many have reported that this season. In the Milwaukee area, 100.7 is now WKKV and "urban a/c". KODJ-FM 93.1 in Los Angeles is now KCBS-FM, but no format change, still oldies, WRGI 93.5 Naples, Fla. is now oldies, "G-93". Dallas-Fort Worth gets a "rock adult contemporary" station as KMEZ 107.5 becomes KCDU, "CD 107.5", WMJQ 102.5 Buffalo is now a/c, though rather upbeat. WNNR 103.5 Sodas (Rochester rim shot) is on the air with rock music. So far they have a very poor signal. In Richmond, 106.1 has gone to an adult rock/classic rock type format (thanks Matt Sittel).



JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - Two McIntosh MR-78 tuners feeding separate amps/tape decks,
a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

JULY 1991

1 Es			19 Tr		
1700 KQKI	95.3 LA Bayou Vista, ID	1167	0200 WCID	89.1 NY Friendship, ID, g	221
1700 WLUN	95.3 MS Lumberton, ID w/WIGG-1420	1071	19 Es		
1712 KIKK	95.7 TX Houston, call, k	1399	1740 WTNT	94.9 FL Tallahassee, traffic report, ads, call, k	892
1728 KJNA	99.3 LA Jena, ID, k	1164	1949 WKSJ	94.9 MS Mobile, "KJSJ", k	1025
1730 KLSA	90.7 LA Alexandria, NPR, legal ID, o/local WFUV	1194	1957 WKGK	90.7 FL Panama City, ID, o/local WFUV	958
1753 WJNS	92.1 MS Yazoo City, call	1034	2009 {WQFX}	96.7 MS Gulfport, ads, "Foxy 96" r (or u), ex: WGUF	1085
1919 WJXN	92.9 MS Utica, ID w/WJNS, WOBT ad, MS Gospel Net promo	1069	2015 WRJM	93.5 AL Geneva, call, ads, b	919
1926 WMBC	103.1 MS Columbus, ad, k, "Kickin' 103"	913	2022 ????	94.3 "Key 94". Who?	
1942 WKXM	105.9 AL Winfield, call + NW AL's New Gold 106 FM, o/local WNWK	868	2023 WEBZ	99.3 FL Mexico Beach, call	960
1954 KQXL	106.5 LA New Roads, legal ID, u	1174	2037 WYZB	105.5 FL Mary Esther, ads, o "Kool 105"	982
2014 WACR	103.9 MS Columbus, ID, r (u?)	913	2041 WKSM	99.5 FL Ft. Walton Beach, r, "Power 99.5/Kiss FM", ex: 99.3, o/local WBAI	981
2021 WGCN	102.3 MS Gulfport, o "MS's Coast 103"	1085	2044 WTBG	97.7 FL Bonifay, call, k	929
2028 WWUN	101.7 MS Clarksdale, call + "Christian radio", ads	990	2057 WDDQ	92.1 GA Adel, continuous ads, "Information Radio"	
2045 WFFF	96.7 MS Columbia, ads, SID, o	1077	2101 WNFB	94.3 FL Lake City, legal ID	854
2046 KTDY	99.9 LA Lafayette, ID, r	1221	2105 WPCF	100.1 FL Panama City Beach, call + "FM-100", "Christian Radio"	962
2105 WBAQ	97.9 MS Greenville, ID, b, o/local WSKQ	1043	2140 WNLE	91.7 FL Fernandina Beach, ID, g	790
2115 KCTO	103.1 LA Columbia, ID, o	1144	2200 WWFR	91.7 FL Okeechobee, legal ID, Family Radio	990
2129 KBXR	97.3 OK Weatherford, ID, r	1367	2205 WAFG	90.3 FL Ft. Lauderdale, ID after news	1051
2 Es			20 Es		
1102 KAXE	91.7 MN Grand Rapids, ID, asking for \$\$\$	1056	1642 WBLX	92.9 AL Mobile, calls, ads, u	1025
1103 KDVL	102.5 ND Devils Lake, ID, wx Heard many years ago as KDLR-96.7	1315	1656 WEGS	91.7 FL Milton, PSA	988
1105 KXPO	100.8 ND Grafton, ID, wx	1256	1700 WLUN	95.3 MS Lumberton, ID	1071
1115 KBRX	102.9 NE O'Neil, promo, call, Heard on 92.7 back in '80	1260	22 Tr		
1117 KKBj	103.7 MN Bemidji, ads, r, "Classic Hits"	1123	0250 WEQX	102.7 VT Manchester, call, r, local WNEW off.	189
1124 KKDQ	99.3 MN Thief River Falls, call, light r	1192	0302 WCIH	90.3 NY Elmira, ID, g	162
1134 KQHT	96.1 MN Crookston, r, ads "Magic 96"	1217	0317 WYOS	92.1 PA Nanticoke, o, promo w/call, "Oldies 92 FM", ex: WMJN/WEAY	93
1140 KVLR	95.7 ND Langdon, local items, wx, "KV-96"	1305	22 Es		
1146 KVOX	99.9 MN Morehead, ads, "K-100"	1197	1735 KOLV	101.7 MN Olivia, call, ads, Corn Capitol Days promo	1080
1148 {CHZZ}	103.1 MB Winnipeg, ads, "Zed-103" ex: CKWG	1280	1737 KEEY	102.1 MN Minneapolis, "K-102"	998
1151 CJKR	97.5 MB Winnipeg, ads, r "97.5 FM"	1280	1745 KKCK	99.7 MN Marshall, call, r	1120
1155 {KMFY}	96.9 MN Grand Rapids, "96.9 FM - KMFY", ex: KNNS	1056	1752 KQAA	94.9 SD Aberdeen, call + "Kool 95", ads, o	1262
1200 CBQQ	90.5 ON Ft. Francis, beginning CBC News	1085	1800 {KUWS}	91.3 WI Superior, ID, 91 Jazz St. promo, ex: WSSU	981
1201 KQMN	91.5 MN Thief River Falls, MPR, local ID, o/local WNYE	1192	31 Es		
			1811 WMFC	99.3 AL Monroeville, AL nx, ads, "99 Country"	
			1817 {WZBA}	104.9 MS Moss Point, call + "Bay Country", ex: WCIS	1058
			1823 WZEW	92.1 AL Fairhope, r, "92 Zoo", "Mobile's New Music Source"	1023

73, Joe

NORTHERN FM DX

SEPTEMBER 1991

dBRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2
Equipment: JVC JRS201 receiver (mod w/3 150 filters), MAGNUM DYNALAB 205 signal sleuth. PROBE 9 fed with RG6 at 50' AGL, crown rotor, distances are in Kilometres

JUNE 1991 DX

27 TrS
0720 WRED 95.7 OH Gibsonburg, k, Toledo traffic (Bruce, actually the calls remain WRED; WTOD-1560 is leasing them, WRED calls are supposedly still used at the top of the hour-gc) 322

JULY 1991 DX

10 TrS
0745 WNBt 104.5 PA Wellsboro, r, B104, Bangles Under CHUM 104.5 80 km away at 40 kw 276
10 TrS
0733 WRCT 88.3 PA Pittsburgh, pj, This is ----- Pittsburgh at 88.3 on your FM dial 309
0756 WMRT 88.3 OH Marietta-Parkersburg, cr, tc "65 degrees on the Marietta campus" 437

July 21 Tr

0743 WACZ 93.9 NY Dansville, r, wx, "back to some music here on WDNy, WACZ Light 94", new non ID 195

22 MS

0728 WXID 94.7 KY Mayfield, k, D94 1012

25 Tr

0651 WEEL 95.7 OH Shadyside, o, tc 365

26 Tr/TrS

0702 WJOI 97.1 MI Detroit, b, Joy 97, legal ID, David Soul mx, "Don't Give Up on Us", 255

0800 WFGY 98.1 PA Altoona-Johnstown-State College, "The best in Country music, Froggy 98", DJ was FROGMAN, under CHFI-FM 336

Completely missed all E-skip so far this season other than sporadic TV activity. After one phone call and two letters (SASE) finally received my QSL from KQYN 95.7 Twentynine Palms, CA. Well sort of. The envelope from CA was empty!!!! Is that my answer or what? Also received a letter from Ayodele O. Adewakun coordinator/president of Voice of America N00627 Nigeria, Africa. Lately their club has been involved in FM-TV DXing. He is interested in meeting and exchanging ideas with DXers on his trip to Canada & USA mid-September 1991. 73, db

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041 (ELT)

Equipment: Receiver-Carver TX11a modified with five 150 khz filters. Antenna: Two CM Stereo Probe 9's horizontally stacked at 35' AGL, CAC-11 75 ohm coax, home brew tuneable band pass filter, Underlined new to log (with stereo)

JULY 1991 DX

3 Tr
1931 CIRV 88.7 ON Toronto, ID International Radio (WBFO nulled) 187

13 Au
1746 CJBX 92.7 ON London, WYUT is still of the air 257

13 GW

2313 WNNR 103.5 NY Sodus, r, new 47

18 Es FL briefly 1842, no IDs

19 Es FL/Bahamas! 1728-2228, MUF 108

1728 WEEJ 100.1 FL Pt. Charlotte, r 1186

1732 WQLM 92.9 FL Punta Gorda, Lite 93 FM 1188

1840 WOVV 95.5 FL Ft. Pierce, SID 1109

1856 WYFO 91.9 FL Lakeland, gr, ID 1092

1900 WSCF 91.9 FL Vero Beach, FM92 1098

1917 WAYJ 88.7 FL Ft. Myers, Way-FM 1187

2013 WPCF 100.1 FL Panama City, gr 1041

2023 WILN 105.9 FL Panama City, ID, r, Island 106 1041

JULY 19 Es cont.

2048 WUSA 100.7 FL Tampa, W101, r 1108

2107 WAKS 103.7 FL Cape Coral, Kiss 103.7 11922113

WFTT 89.5 FL Melbourne, r, ID 1070

2122 WCKT 107.1 FL Lehigh Acres, Singing ID, strong! 1184

2126 WAOA 107.1 FL Melbourne, 107 A1A, r, lcl ads, strong! 1070

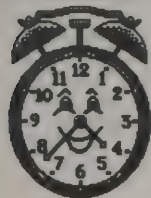
2139 ----- 104.5 BAHAMAS Nassau - with hum in audio with promo for Paradise travel (WNBT nulled to SSE), talk show: Goldengate Assembly, Ambassador Hotel, Banana Boat, local ads, then at 2200 ID as Bahamas Radio Network! WX ck at 2209 then continuing talk show - Telephone # 55403 - New Political unit, country #3. Bahamas was heard 2139-2228, over 45 minutes! 1249

20 Es to GA 1629-1635

1629 WKV 95.5 GA Savannah, 195 FM 811

27 Es in briefly at 2101-2110, no IDs

Totals at 1573. July DX ended on unusual note with Bahamas Es. This should be easy to log if 104.5 is open. I'm hoping someone will write up an article in the VUD on antenna phasers. Is it possible to build a simple passive tuneable phase shifter circuit box with 2 antenna coax input and 1 coax output to the rx? 73-Fred



TIME IS RUNNING OUT!
REPORT YOUR DX
TODAY!



DAVE NIEMAN - HO-STA-GEH RD. - ROCK CITY, NY

All are new to Rock City log.

Fisher FM-226 tuner used.

JULY 1991 DX

3 tropo, groundwave & scatter

1624 WQED	89.3 PA Pittsburgh, ID, c\$	136
1724 CHEZ	106.1 ON Ottawa, "chez-FM", rp\$	272
1745 WBRR	100.1 PA Bradford, "cool-100", r\$	9
1800 WRRN	92.3 PA Warren, ID, b\$	35
1800 CJRT	91.1 ON Toronto, ID, c\$	126
1801 WGTs	91.9 MD Takoma Park, ID, c\$	223

Lots of RF imaging with this digital tuner. Not of much use for DXing.

Denon TU-720 tuner modified with (1) 150khz & (1) 180khz IF filter used this time down.

14 tropo & scatter

1027 WSRD	104.9 NY Johnstown, call, o\$	215
boosted "double the power" must be running 6KW		
1103 WLQR	101.5 OH Toledo, call, mr\$	258
1112 WXHC	101.5 NY Homer, call, rm\$	131
1125 WHOT	101.1 OH Youngstown, call, r\$	134
1135 WJLB	97.9 MI Detroit, call, s\$	240
1137 WXTA	97.9 PA Edinboro, call, k\$	84
1140 WKWK	97.3 WV Wheeling, call, rm\$	179
1145 WCMF	96.5 NY Rochester, call, rp\$	94
1158 WKQS	96.5 PA Johnstown, "KISS-FM", o\$	122
1200 WPEL	96.5 PA Montrose, ID, g\$	130
1500 WKDN	106.9 NJ Camden, ID, g\$	232
1537 WBUC	101.3 WV Buckhannon, call, k\$	227
1548 WGRX	100.7 MD Westminster, "100-GRX", r\$	191
1700 WHGL	100.3 PA Canton, ID, k\$	89
1738 WJOI	97.1 MI Detroit, "JOY-97", b\$	240
1802 WGMF	97.7 NY Big Flats, ID, o\$	84
1853 WAMO	105.9 PA Pittsburgh, "HOT-106", s\$	136
1904 WFFX	99.3 VA Front Royal, ID, \$	216
1908 WHCM	99.1 WV Parkersburg, "Country-99", k\$	248

The Denon isn't too bad; adding another 150khz filter should improve selectivity.

22 tropo & scatter

1000 WKAR	90.5 MI East Lansing, ID, c\$	309
1003 CHIN	100.7 ON Toronto, call, e\$	126
1055 CBL	94.1 ON Toronto, CBC \$, c\$	126
1100 WUGN	99.7 MI Midland, ID, g\$	313
1104 WMGG	99.7 OH Columbus, call, r\$	276
1200 WSKG	89.3 NY Binghamton, ID, c\$	140
1211 WQLN	91.3 PA Erie, call, t\$	81
1259 WRVN	91.9 NY Utica, call, nx\$	171
1300 WCNV	91.3 NY Syracuse, call, c\$	134
1301 WJNY	90.9 NY Watertown, ID, c\$	183
1308 WJNY	89.5 NY Utica, WCNV call, c\$	171
1509 WGBI	101.3 PA Scranton, "Bright-101.3", call, r\$	146
1513 CIQM	103.1 ON London, "Q-103", mr\$	156
1519 WGMs	103.5 DC Washington, call, c\$	227
1540 WCSX	105.9 VA Woodbridge, call, op\$	244
1557 WLTW	106.7 NY New York, call, mr\$	251
1603 WETA	90.9 DC Washington, call, c\$	227

27 tropo & scatter

Carver TX-11 IF modified & Antennacraft FM-10		
0900 CIRV	88.7 ON Toronto, ID, e\$	126
0918 WRDR	104.9 NJ Egg Harbor City, call, m\$	266
1007 WNNR	103.5 NY Sodas, call, op\$	116
1020 WRIF	101.1 MI Detroit, call, rp\$	240
1100 WKGB	92.5 PA Susquehanna, ID, rp\$	156
1104 WYTN	91.7 OH Youngstown, Family Radio g\$,	134
1112 WGRG	91.3 PA Lewisburg, call, \$	108
1213 WHTE	103.9 PA Muncy, "WHOT", r\$	104
1218 WSSZ	107.1 PA Greensburg, "Z-107", r\$	132
1220 WSAQ	107.1 MI Port Huron, "Q-Country-107", call, k\$	209
1259 WECQ	101.7 NY Geneva, "CQ-102", mr\$	101
1300 W GMC	90.1 NY Greece, ID, \$	97

continued next month...

DAVE NIEMAN - 12284 NICE ROAD - AKRON NY 14001

Equipment: Unchanged. New to log are underlined.

JUNE 1991 DX

27 tropo

2029 WYTN	91.7 OH Youngstown, ID, g\$	170
2245 WKPK	106.7 MI Gaylord, call, r\$	341
2315 WUIS	99.7 WI Black River Falls, ID, r\$	622
2345 WHLA	90.3 WI LaCrosse, "wisconsin Public Radio" t mono	646
2400 WGNV	88.5 WI Milladore, ID, g\$	576
0031 WIZM	93.3 WI LaCrosse, "Z-93", rp\$	646
0042 WMYX	99.1 WI Milwaukee, call, r\$	473
0100 WMGU	104.9 WI Stevens Point, "Magic-105" +call, s/off, r\$	561

29 E-skip

1425 WFBZ	99.3 FL Mexico Beach, "Easy-99.3" +call, m\$	983
2011 KXLS	99.7 OK Alva, call, r\$	1144

30 E-skip

1236 KSEC	93.3 CO Lamar, "KC-93" r\$	1300
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JULY 1991 DX

1 E-skip

2000 W TMI	93.1 FL Miami, call, c\$	1202
2008 WHTK	99.7 SC Port Royal, call, r\$	747

1 E-skip continued

2013 WPCV	97.5 FL Winter Haven, "97 Country" +call, k\$	1052
2015 WIRK	104.9 FL W. Palm Bch., call, k\$	1134
2017 WYOC	107.9 FL High Springs, call, o\$	942
2029 WCLK	91.9 GA Atlanta, call, j\$	709
2045 WTVV	95.5 AL Dothan, call, k\$	921
2052 WTVF	106.3 GA Boston, call, o\$	898
2110 WAYS	99.1 GA Macon, "99-ways", rs\$	768
2129 KLAQ	97.5 TX Durant, "K-LAK", rm\$	1154
2204 KEDM	88.3 TX Mesquite, call, r\$	1214

2 tropo

0758 W NJA	89.7 NY Jamestown, call, c\$	73
testing//W NED-FM		

4 troposcatter

1033 WCHX	105.5 PA Lewistown, call, o\$	175
1100 WMGH	105.5 PA Tamaqua, call, o\$	194

15 tropo & E-skip

0935 W XHC	101.5 NY Homer-Cortland, ID, rm\$	114
1950 [KKMK]	93.9 SD Rapid City, call, r\$, ex-KKLS	1235
2324 WBUW	88.3 OH Berea, call, r\$	207

continued next month...

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607

Equipment JVC Auto radio

JULY 1991 DX

2 Es (MUF: 103.5 Mhz. 1020-1332)

1245 KDSU 91.9 ND Fargo, jazz, EBS test

1245 KCRB: 88.5 MN Bemidji, news with anncr

Bob Potter of MPR's "Sound Money"

unID 91.1 St.Paul or Moorhead (MPR affil)

1300 unID 101.9 Lite rock, Fargo? (KFGO is lite Rock, "Magic 102" slogan-gc)

1304 KBEM 88.5 MN Minneapolis, nx, then jazz

1310 WUNY 89.5 NY Utica, central NY wx, never anything but CIUT here, strange to finally get it during E-skip!

1328 KQSD 91.9 SD Lowry, classical mx then series of translator IDs for SD Public Radio

4 GW/Tr (took car up to Lake Ontario Shore)

0004 CBO 91.5 ON Ottawa, CBC nx, then clas.

(WXXL now off 0000-0600 daily because of budget problems; AM and TV schedule also reduced)

0015 WRVJ 91.7 NY Watertown, with WRVO/

WRVN/WRVJ s/off, to be back at 0500.

0021 WICB 91.7 NY Ithaca, alternative rock

0051 CIXK 106.5 ON Owen Sound, eclectic mx mix

0105 unID 88.7 deep fade under WBFO, Spanish vocals, CIRV?? (Good possibility-gc)

0215 unID 91.9 someone with test one-CBF?

(though 690 had music)

0235 WHLM 106.5 PA Bloomsburg, Mix 106 uWYRK

0300 WVIA 89.9 PA Scranton-Wilkes Barre-

Hazleton, classical music over WBBF

0315 CBOF9 88.7 PQ Chapais, // 90.7, over WBFO

5 Tr

0024 WOLN 91.3 PA Erie, announcmt, 0030 s /off

1539 CKLN 88.1 ON Toronto, weak with reggae and rap (WFRW off, 20 minutes before this I was laying in a golfcourse fairway ducking lightning bolts so maybe WFRW got zapped?)

7 Tr-Trs

1258 WOSU 88.9 PA Selinsgrove, tuned into sign

on announcement meat 12,000 & Susquehanna U.

1313 WWWW 106.7 MI Detroit, W-4 ID, country

1321 WNWV 107.3 OH Elyria, jazz, Kool FM IDs

WNBA 107.3 PA DuBois, with self-described fundamentalist preacher

1330 WAMO 105.9 PA Pittsburgh, "We put our music where our mouth is", and ID

1353 unID 91.9 spurts of Garrison Keilor show

1404 WCTL 106.3 PA Union City, USA news ID, Focus on the Family show

12 Tr-Trs

1448 WSN 93.3 MA Taunton, Sunny 93 ID, burped in o/WWE. They're the only Sunny 93 listed in the FM Atlas. (When I called them back in March to confirm a suspected Auroral logging of them, they said that they had switched to "Mix 93.3" But maybe they have switched back. Does anyone know?gc)

1635 WCSX 94.7 MI Birmingham, "CSX" ID

and another "classic rock block"

1640 WNWV 107.3 OH Elyria

16 Tr/GW

1347 WJCH: 91.9 IL Joliet, scatter with Harold Carling of Family Radio // WFRW 88.1 (only network outlet on 91.9 according to 1991 Broadcasting Yearbook) (Jim, they did come in here that evening, along with some other IL-WI stations-gc)

1348 WTNY 93.5 NY Watertown, strong fades of

T-93 and rock over unusually weak CBC

JULY 16th continued

1457 WNNR 103.5 NY Sodas **, poor, but tearing up CIDC with "The New Mix" IDs, testing (some dead air)

Next day says 3800 watts, 3200 Bear Swamp Rd, Williamson-Sodas-ROCHESTER "rim-shot" IDs (not good at all on east side where I live), formal sign on 7/19. Promises Stones, Genesis, Police (They have a horrible signal, at least so far. They are practically non-existent in Clarence at only 65 miles! Pointed right at them I have only heard them once, too much interference from CIDC and WSHQ1-gc)

18 Tr-Es (MUF: 106.7, 1804-1854)

1250 WBBG 93.3 OH Youngstown, with oldies and ID under WWSE (finally!)

1804 unID 91.9 "Really good stuff on C-92" KTCC?

1827 KNEN 94.7 NE Norfolk, "#1 fun station

KNEN" in for 45 min, rock, unID 106.7 was fading with KNEN, possibly KEXL, (Rock)

1846 KTCC 91.9 KS Colby, T-92, Colby Street

Address, furthest Es I think for me

Strange Es, no sign of it on 87.7 (Ch 6), and not evident on many open frequencies. Thought I had weird tropo.

19 Es (MUF: 107.9, 1651-1755)

1451 unID 107.3, UNID station testing with poorly modulated country-western music, no announcements, suddenly of 1513. WFUD Honeoye Falls, NY?

1600 WFRW 88.1 off again, so I drove up to Lake Ontario and lucked out with Es beginning! (Nothing noted on TV channel 2 at 1630)

1651 WAYJ 88.7 FL Ft. Myers, USA nes, ID

1659 WMNF 88.5 FL Tampa, local calendar anncr

1700 WLPT 88.3 GA Jesup, with ID

1705 WFCE 88.9 FL Tarpon Springs,

WYFO 91.9 FL Lakeland, // 88.9

1707 WJIS 88.1 FL Bradenton, AP sports, ID

1709 WXXL 106.7 FL Leesburg, local ads, ID, "XL"

1710 WAXY 105.9 FL Ft. Lauderdale, local traffic

ID as "Mix 105.9", unID oldies under (WOCL?-gc)

1715 WCRI 107.3 FL Jacksonville, ID, country

1716 WXXJ 102.7 FL Pompano Beach, Broward

County traffic, Magic ID

1717 WEEI 100.1 FL Ft. Charlotte, Coast 100 ID

1719 unID 94.1 eel (WEZY Lakeland maybe-gc)

1721 WHEW 101.9 FL Ft. Myers, ID, country

1723 WLRO 99.3 FL Cocoa, "Brevard County's

own lite rock 99.3" ID

1723 WMMZ 93.7 FL Ocala, "Z93", local promo

with the "Z-Gator"

1731 WOLM 92.9 FL Punta Gorda, ID and Port

Charlotte Country Club mention

1733 unID 92.9, Kiss or Kicks FM slogan, rock

WQLM? (I think they are "Lite FM"-gc)

1740 WSOR 90.9 FL Naples, local ad, ID, and

contemporary Christian music

(announcer said a listener from State College, PA

called in with a music request!)

1805 when I got home, nothing on TV

Even my wife noticed Es while driving, asking me what strange station is on 89.5 after she got home!

JIM'S COMMENTS ON THE NEXT PAGE.

1310

wtlb AM STEREO

ROCK 107
-the exciting fm-

JIM RENFREW's comments.

Regarding July 4, I don't often get to take the car out in the middle of the night - the new WXXI s/off was my incentive! CJRT 91.1 had a piercing tone all night. CBC stations on 93.5, 105.9, and 107.5 ran an open carrier all night after 0110 (91.5 with intermittent OC). CBL 740 was finally off the air (after months of 24 hrs), but CBL 94.1 and CBOQ 103.3 on all night with classical. WAER 88.3 and WBSU 89.1 off after 0200. WGMC 90.1 and WSQG 90.9 off after 0100, WGMC s/on is 0600. WFRW 88.1 (Family Radio), WCII 88.5 (Family Life Network), WBFO 88.7 (jazz), WMHN 89.3 (Mars Hill Network), CIUT 89.5 (talk, rock), WEOS 89.7 (BBC programs), WFBF 89.9 (Family Radio), WBER 90.5 (alternative rock), CBOF 90.7 (French CBC), and WMHN 90.9 were on all night. All other locals apparently 24 hrs. A friend tells me WEOS is doing NPR feed more often in its schedule. Regarding WGSF 89.5 (reported last month); The director called me on the phone. Said they are still in the CP testing phase, and s/off around 8pm. They are trying to resolve interaction between their antenna system and local dairy farm equipment. He wasn't aware of E-skip and found my reception amazing, especially when I told him it was on the car radio. I told him to expect reports from many others. Format is Southern Gospel music. PO Box 644 Mayo, FL. He promised an immediate QSL....still waiting. WNNR 103.5 is unexpected bad news as I was still looking for WSHQ. 93.3, 99.7, 102.7, 105.9, 106.7, 107.3 all due to sign on. 93.3 Avon is scheduled for 8/15 s/on according to station personnel. Can't find a telephone number for 107.3

JOHN EBELING - 9209 VINCENT AVE. - BLOOMINGTON, MINNESOTA 55431-2157

FROM CAROL ALBORN MN (TIMES CST)

JUNE 1991 DX

30 Es
2157 WMOX 93.1 NC Winston-Salem
2158 WKRR 92.3 NC Asheville, "Rock 92"
2200 WUNC 91.5 NC Chapel Hill
2208 WRNS 95.1 NC Kinston, k
2210 WHP 95.5 NC High Point, g
2227 WHLZ 92.5 SC Manning, "Wheels"
2234 WAVF 96.1 SC Hanahan-Charleston, r
2245 WOCW 92.1 SC Parris Island
2300 WUOT 91.9 TN Knoxville
2302 WEZK 97.5 TN Knoxville
2306 WGN 95.5 GA Athens, +SCA, k
2313 WDEF 92.3 GA Chattanooga, m
2333 WTVY 95.5 AL Dothan, k

JULY 1991 DX

1 Es
0755 WUWF 88.1 FL Pensacola
0833 KOB 93.3 NM Albuquerque
0836 KSEC 93.3 CO Lamar, k, "KC93" used
0841 KKWZ 93.7 UT Richfield
0900 KKOR 94.5 NM Gallup
0900 KXKX 94.1 CO Montrose
0907 KALQ 93.5 CO Alamosa
0909 KXAZ 93.5 AZ Page, many local ads
0918 KVRH 92.1 CO Salda
0923 KTRA 102.1 NM Farmington, k
0927 KYLE 102.3 CO Gunnison
0930 KPRQ 100.9 UT Prince, "KRPX/Q101"
+X SCA
0936 KJFY 100.3 NM Albuquerque, J-Jay
0943 KOMP 92.3 NV Las Vegas, traffic rpt
The Rock of Las Vegas
0945 KWNR 95.5 NV Henderson
0949 KVNA 97.5 AZ Flagstaff, The Heart, dumb!!
0953 KDH 92.5 CO Greeley
1000 KUNM 89.9 NM Albuquerque
1000 KNPR 89.5 NV Las Vegas
1002 KCRT 92.7 CO Trinidad, r
1003 KCEP 88.1 NV Las Vegas
1015 KBLJ 92.1 CO La Junta
1018 KFLQ 91.5 NM Albuquerque
1022 KVVN 95.5 NM Santa Fe, k
1043 WVFJ 93.3 GA Manchester, Joy FM, wx
1055 WQIK 99.1 FL Jacksonville, wx

Note #1: ID with WLIC 97.1 Frostburg (MD), and WRU 106.9 Masontown (PA).

That's about it from here. It appears Es has been down this year, at least here in MN. Regards

JULY 2 Es

0848 WXRK 92.3 NY New York, "K-Rock"
0858 WPAT 93.1 NJ Paterson
0858 WSNE 93.3 MA Taunton
0859 WHJY 94.1 RI Providence, "94HJY"
0906 WNYE 91.5 NY New York, phone (718)
855-8858, couldn't won circus tickets
0912 WROW 95.5 NY Albany
0913 WUNC 91.5 NC Chapel Hill
0920 WQOK 97.5 VA South Boston, K 97.5
0930 WAWZ 99.1 NJ Zarepath, g
0930 WNCN 104.3 NY New York
0939 WBL 106.1 NY Patchogue
0941 WBL 107.5 NY New York
0944 WEZQ 107.7 NY Wethersfield, m
0947 WHIZ 100.3 NY Newark, "Z100"
0955 WKOJ 92.7 NY Middletown
1001 WALK 97.5 NY Patchogue, r
1002 WSLU 89.5 NY Canton
1003 WPKN 89.5 CT Bridgeport
1008 WRKS 98.7 NY New York, Kiss
1030 WBGQ 88.3 NJ Newark, Jazz 88
1034 WLEZ 92.7 NY Elmira
1040 WFME 94.7 NJ Newark
1043 WABA 88.1 NY Brentwood, 180 watts
2 good IDs
1105 WBBG 93.3 OH Youngstown, "Oldies"
Funny what comes in at the end of an Es!!

5 Es

1924 KMVG 93.1 ID New Plymouth
22 Es
1555 WFLS 93.3 VA Fredericksburg
1600 WAJ 90.3 MD Grantsville, g, Note #1

FROM HOME, BLOOMINGTON, MINNESOTA:

JULY 1991 DX

18 Es
0755 WMPR 90.1 MS Jackson
0758 WMAW 88.1 MS Meridian
18 Jr
1702 WDZQ 95.1 IL Decatur, Q-Country
1917 WWIS 99.7 WI Black River Falls
1943 WKYK 100.5 WI Columbus-Sun Prairie

NORTHERN FMDX**SEPTEMBER 1991****DANIEL OETTING - 22 CARRAIGE LANE - EXTON, PENNSYLVANIA 19341**

Equipment: Harmin Kardon Citation 23, Yamaha T70, Archer 20db booster, rabbit ears

JUNE 1991 DX**24 GW****2200 WVUV** 89.1 PA Villanova, pr, ID**30 Es**

1805 ZBM 89.1 BERMUDA, Hamiltonl,
 Hot Rod Hearts-Robbie Dupree followed
 by "on Zed-BM, in Bermuda" quite strong
 and steady at times. Inconsistencies in
 sound quality of songs. They're too many
 muddy carts. Format: Adult contemporary,
 (I think they are satellite fed, from the
 U.S.-gc), My 3rd positively IDed country.

JULY 1991 DX**1 Es****1208 FM** band begins opening up with Es**1211 WBLX** 92.9 AL Mobile, s**1250 KNIN** 92.9 TX Wichita Falls, r**1300 WBSN** 89.1 LA New Orleans, g, ID**1302 WRBH** 88.3 LA New Orleans, t, ID**1420-1451** off FM, also off 1506-1526**1603 KKBQ** 92.9 TX Pasadena, "93Q", r
 weather forecast for Houston**1721 KQID** 93.1 LA Alexandria, r, ID**1730 KLSA** 90.7 LA Alexandria,
 ID in between NPR shows**1820-1940** Es off FM again**2000 WFFN** 95.3 AL Cordova, ID**2000 WADI** 95.3 MS Corinth, ID**2005 WZGC** 92.9 GA Atlanta, classic rock**2020 WTUG** 92.9 AL Tuscaloosa, Power
 93 TUG, wx for Birmingham and Tusca.**July 1st E.s.kip continued.****2028 KDAQ** 89.9 LA Shreveport, ID

"Art Radio for the Arklatex"

2030 WNUC 88.9 MS Senatobia, ID

with 90.1 WJ??? (TN?)

2045 WCKW 92.3 LA LaPlace, classic rock**2050 WOKK** 97.1 MS Meridian, ID, k**2105 WJDX** 96.3 MS Jackson, Mix 96, r**2110 unID** 97.1 "KAMD 97 Country"

(Dan, this is KAMD Camden, Arkansas-gc)

2131 WURC 88.1 MS Holly Springs, ID,

gospel music

2145 Es finally off FM for the day. Whew!**2 Es****0936 CBQ** 88.3 ON Thunder Bay, CBC tik**0940 CBON20** 89.3 ON Thunder Bay, FF, tm**0947 Es** off FM**20 Es****1749 KNIN** 92.9 TX Wichita Falls, r,

Power 93-KNINI

1754 WLJT 92.9 PA Pittsburgh, rm, in
 very well, backscatter?**1800 WIAW** 88.1 MS Meridian, ID**1802 KABF** 88.3 AR Little Rock, ID, j**1804 unID** 95.3 AL Alabama News**1806 unID** 97.1 "The New V-97", pop

(Could it have been B-97, WEZB-LA?-gc)

22 Es**0845 KETR** 88.9 TX Commerce, wx and
 temps for Commerce, Texas.

The Es on 7/1 was weird. All day long, channel 4 from New Orleans was in. I've never
 seen an E-skip opening over one area for so long (11:30AM-10:00PM-Louisiana skip!)
 (There was skip that long here too, but strangely enough it was moving here, Kansas to
 Oklahoma, to Texas, to Florida, back to Texas/LA?!!-gc)

ED HANLON - 165 SOUTH ROAD - BOLTON, CONNETICUT 06043Equipment: MR78 mod, magnum dynalab Etude (mod), 284" log yagi (home
 made, not an FM13), RG6, HD73 rotor, Signal Sleuth 205**MAY 31 Tr (local WKCI 101.3 off)****2355 WSSV** 101.3 NY Stillwater**2359 WGSJ** 101.3 PA Scranton**JUNE 1991 DX****1 Tr****0015 WCHR** 94.5 NJ Trenton**0025 WCTO** 94.3 NY Smithtown, Magic**3 Tr****1845 WCLZ** 98.9 ME Brunswick, "Breeze"**1847 WOKO** 98.9 VT Burlington**1850 WKLX** 98.9 NY Rochester**1852 WUSL** 98.9 PA Philadelphia,

Power 99

1857 WBSS 97.3 NJ Millville, Boss 97**2105 WVOS** 95.9 NY Liberty**2130 CKMF** 94.3 PQ Montreal, French**4 Tr****2045 WYSP** 94.1 PA Philadelphia,**5 Tr****2119 WJBR** 99.5 DE Wilmington**2127 WUUU** 102.5 NY Rome,

"Mack the Knife"

9 Tr**2140 WJRZ** 100.1 NJ Manahawkin,

Kasey Kasern, IDed station as 100.5!!

2200 W267AQ 103.1 NJ Fort Lee, WDRE**2210 WOBM** 92.7 NJ Toms River**WFAS** 103.9 NY White Plains**2300 WHTG** 106.3 NJ Eatontown, 106-3**JUNE 29 Es****1300 WFOX** 97.1 GA Gainesville, Fox 97**1630 WSHW** 99.7 IN Frankfort,**30 Tr****2215 W276AV** 103.1 CT Stamford,

(translator WQXR 96.3 NYC)

JULY 1991 DX**1 Es****2016 WQLT** 107.3 AL Florence**2020 WKMX** 106.7 AL Enterprise, KMX**2040 WOKK** 97.1 MS Meridian**2042 WHRK** 97.1 TN Memphis**2045 WBBN** 95.9 MS Taylorsville, B95**WJDX** 96.3 MS Jackson, Mix 96**WLZA** 96.1 MS Eupora, Laser 96**WJMI** 99.7 MS Jackson, Power 99**WHYY** 101.9 AL Montgomery,**2140 WDST** 100.1 NY Woodstock**WPOR** 101.9 ME Portland (Tr)**2 Es****1159 KQWB** 98.7 MN Moorhead, Q98**5 Es****1145 WZTA** 94.9 FL Miami Bch, Zeta 94**11 Tr (local WPLR 99.1 off)****1010 WPLM** 99.1 MA Plymouth**1015 WAWZ** 99.1 NJ Zarepath**12 Tr****1930 WYFI** 99.7 VA Norfolk**1931 WMXN** 105.3 VA Norfolk

JULY 16 Tr2115 WQRC 99.9 MA Bartstable,
thru co-channel "local"**20 Tr**0915 WYXR 104.5 PA Philadelphia,
Star 104.5

1645 WYSP 94.1 PA Philadelphia

20 Es

1630 WOOF 99.7 AL Dothan, Woof FM

1642 WKSJ 94.9 AL Mobile

1643 WBLX 92.9 AL Mobile

1650 WMEZ 94.1 FL Pensacola, verified
by phone-blew their minds!

1704 WXBW 102.7 FL Milton

21 Tr

1130 WOKQ 97.5 NH Dover

1142 WPOR 101.9 ME Portland

23 Tr

1930 WKDN 106.9 NJ Camden, WCCC off

WPAT 93.1 NJ Paterson, o/WHYN

WYSP 94.1 PA Philadelphia

JULY 25 Tr2300 WASH 97.1 DC Washington, thru
NYC's WQHT**27 Tr**

0930 WPAT 93.1 NJ Paterson

WFME 94.7 NJ Newark

31 Es

1820 WKSJ 94.9 AL Mobile

1830 WABB 97.5 AL Mobile,

"Just Wanna Hold You Tight"

1835 WPST 97.5 NJ Trenton (tr)

1840 WCHR 94.5 NJ Trenton, over
semi-local WZOU.**31 Es and Tr**

WMEZ 94.1 FL Pensacola

2105 WMJQ 102.5 NY Buffalo, "Perfect
World" by Huey Lewis**WBFO 88.7 FM**

Came home after softball on May 31 to find local WKCI off the air. On 7-11 WPLR (99.1) went down, and 7-23 WCCC 106.9 did also. I wish it would happen more often. Don't ya hate it when they come back on, and you've got the volume cranked trying to hear the station far away? Picked up a new toy this month, the Signal Sleuth 205 from Magnum Dynalab. After using it on both the MR-78 and Etude, I'm convinced that it can improve the performance of any tuner. Several of this month's catches were made possible by the 205. It's especially good for use while "sitting" on an empty frequency, as sensitivity is greatly improved. For those of us that have added filter, the gain in sensitivity is welcome. Thanks to Todd Brandenburg for IDing Y-97 KMMY in Muskogee, OK (from 5-29). Until next month, 73's Ed

J. JOEL ROSENBERG - 19 GLENAYR ROAD - RICHMOND HILL, ONTARIO CANADA L4B 2W3

MAY 29, 1991 Tr

0001 WCII 88.5 NY Spencer? (yee-gc)

0005 WZSH 95.1 NY South Bristol-Rochester

Wish 95, between locals on 94.9 & 95.3

0008 WAAL 99.1 NY Binghamton

JUNE 1991**6 GW**

2200 CJFT 101.1 ON Fort Erie

7 Tr

2200 CBOF 90.7 ON Ottawa

11 Tr

2234 unID 91.7 "WRVO group"

(Joel, this is WRVJ Watertown-gc)

2238 unID 100.3 tone (This is Ottawa, but

I do not know of any calls assigned yet-gc)

2305 CBO 91.5 ON Ottawa

June 12 Tr

2244 WNIC 100.3 MI Detroit

17 GW1730 CKIE 99.1 ON Toronto, French, on for
one week, Francophone weak

"ID as Say-ka-ee-uh"

JULY 1991**1 Es**

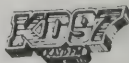
1251 WMAV 88.9 MS Bude

1307 KCBI 90.9 TX Dallas

1328 KYTT 91.7 TX Dallas

17 GW

0815 WZSH 95.1 NY S. Bristol, local 94.9 off



Molson Indy station on 91.9 seemed weaker this year. oh well.
Hopefully things will pick up. 73s, Joel

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Carver TX11 (mod with 3 150s), SP9 at about 25', CAC11 & RG6 coax, rabbit
ears also used into RS 0-10-20 amp for phasing purposes

JULY 1 Es cont from last month

2115 KKKZ 107.5 LA Ruston, Kicks KZ, k\$ 1043

2122 (KDMX) 102.9 TX Dallas, Mix 102.9, r\$ 1224

ex: KMGC

2124 KKDA 104.5 TX Dallas, K104, s\$. 1224

way over Chum-FM !!

2127 KPLX 99.5 TX Fort Worth, ads, k\$, 1224

weather, "K-Plex" way o/105 kw lcl WDCX!

This was one strong opening.

2130 KSSA 106.9 TX McKinney, SS, Mono 1162

2131 KEDGE 94.5 TX Gainesville, modern rck

The Edge, over WNED (100kw) - 1165

July 2 Es

1129 KEZZ 94.3 MN Aitkin, rm\$, calls 772

1132 KMCM 92.5 MT Miles City, KM92, ad 1349

I wonder if this was short double hop?

1134 KFGO 101.9 ND Fargo, Magic 102, r\$ 912

1137 KLLZ 99.1 MN Walker, r\$, "KLZ-FM 822

Minnesota's Power Loon"

1140 KYCK 97.1 MN Crookston, 97 Kick FM 926

1142 WSCD 92.9 MN Duluth, MPR, c\$, wx, 703

this and unID top 40 over local WBUF

Another strong opening!

GREG CONIGLIO'S REPORT continued

JULY 2ndes cont.

1145	CHIQ	94.3 MB Winnipeg, Q-94	1000	0100	WDLM	89.3 IL East Moline, g\$, legal ID	599
1151	KJKJ	107.5 ND Grand Forks, ad, KJ108	948	18 Es			
1157	unID	99.3 sounds like "Mitch 99" not "Mix 99" but could just be a DJ accent?		0945	KINF	91.9 KS Garden City, sign on	1161
1200	KZLT	104.3 MN E Grand Forks, rm\$ legal ID jingle with Grand Forks	941	1830	KGLI	95.5 IA Sioux City, r\$, KG-95, same state on Es & Tr in 24 hrs!	878
1202	CKSB7	89.1 ON Fort Frances, French	804	1835	KOGA	99.7 NE Ogalalla, rm\$, calls	1171
1203	KSRO	90.1 MN Thief River Falls, local PSAs	912	1836	KSID	98.7 NE Sidney, rm\$, Bright 98	1230
1205	WHBM	90.3 WI Park Rapids, Wisc Pub Radio ID, Mono, one of my shortest Es, and just heard west WI 3 days ago via trop!	610	1845	WPIG	95.7 NY Olean, strong k\$ fading in and out like Es, backscatter?!	67
1206	KDKK	97.5 MN Park Rapids, wx	837	1939	WJDR	94.1 TX Beaumont, o/CBL-FM	1223
1220	KDAL	95.7 MN Duluth, rk\$, 96 Lite FM 3rd leg via both Tr/Es, other 2: KSHE, WSIU	703	2016	KQXY	91.9 Spanish language heard	
1237	KKDL	95.1 MN Detroit Lakes, Cool 95	875	19 Tr			
1306	KFIM	89.3 ND Grand Forks, c\$, wx, legal with Devil's Lake and Thief R. Falls	948	0250	WBLS	107.5 NY New York, CBCK off sjs in and out with WYCL & WGPR	287
5 GW/Trs (WDCX 99.5 off)				19 Es			
1500	CJFT	101.1 ON Ft. Erie, noted putting spurs on 99.5 and 102.7, they get out well; I heard them at convention site in Dunkirk, also had them local strength in Ft. Erie	18	1620	WCTO	92.1 FL Venice, ads, tape	1115
	WJBR, WGAR	also heard on 99.5		1624	WLRQ	99.3 FL Cocoa, Lite 99, lcl wx	1020
2200	WNJA	89.7 NY Jamestown, new local c\$, relay of WNEO 94.5 Buffalo	65	1636	WDNA	88.9 FL Miami, local annc	1190
8 Es				1900	WGLF	92.7 FL Marco, SW FL's Lite	1175
1130	WFF	96.7 MS Columbia, legal, nx	1010	1902	WSRZ	106.3 FL Sarasota, Oldies 106	1100
1300	KRTS	92.1 TX Seabrook, calls heard o/CKPC on car radio en route to work	1287	1905	WLYU	106.3 FL Holliday, calls heard and a mention of Frank Sinatra	1048
1421	WEEJ	100.1 FL Port Charlotte, Coast	1121	1912	WOZN	98.7 FL Key West, op\$, live remote from K. West, Classic Rock 98.7	1282
1423	WPCV	97.5 FL Winter Haven, k\$ Thanks to my brother for logging these 2	1050	2059	WEAT	104.3 FL W. Palm Beach, lgl ID	1121
13 Au				2100	WYGC	100.9 FL Gainesville, Gator Cntry GC101- took a long time to ID	948
1655	WGTS	91.9 MD Tacoma Park, calls	290	20 Es			
1800	WNSC	88.9 SC Rock Hill, tuned in to network chain, expected WV but heard WEPB 90.1 and WRJA 88.1 mentioned	573	0015	WMZX	95.7 LA New Orleans, Mix 95.7	1096
16 Tr				1624	WOCL	105.9 FL DeLand, Cool 105.9 o\$	970
0900	Cleveland FMs local			1641	WPCV	97.5 FL Winter Haven, k\$	1045
0901	WPOS	102.3 OH Holland, g\$, local	257	1700	WEDR	99.1 FL Miami, 99 Jams, rs\$	1198
0904	WHKO	99.9 OH Toledo, k\$, K-100 way over local CKFM Toronto	235	1745	WTVY	95.5 AL Dothan, k\$, FM 95, cts	847
0911	WTWR	98.3 MI Monroe, Tower 98, r\$	245	1800	WSFP	90.1 FL Ft. Myers, legal / WUSF	1148
0915	CKMF	94.3 / CITE 107.3 Montreal full scale		1800	WSOR	90.9 FL Naples, g\$, multi ID with Ft. Myers, Cape Coral, Port Charlotte	1170
0918	CFLG	104.5 ON Cornwall, b\$ o/CHUM	639	1814	WDDQ	92.1 GA Adel, continuous ads for Exit 10 on I-75, "Exit 10 Radio"	862
0938	KFMH	99.7 IA Muscatine, rp\$	440	1900	KYKR	93.3 TX Beaumont, k\$, legal ID	1223
0954	WSHW	99.7 IN Frankfort, ads	262	28 Tr			
0958	WWMW	105.5 OH Sylvania, local like	260	1100	WNNR	103.5 NY Sodas, classic rock from the bird I think, very poor signal; they will have a tough time rim shooting Rochester with CIDC on the air	68
1010	WRED	95.7 OH Gibsonburg, very good k\$, calls given as "WTOO"	361	30 MS			
1945	W288AR	105.5 NY E. Rochester, WZSH	60	2351	WIL	92.3 MO St. Louis, ad for a Miss River Gambling boat to stop here in Alton, Ill.	688
2215	WKLT	97.5 MI Kalkaska, calls	340	AUGUST 1991 DX			
2225	WHAD	90.7 WI Delafield, WPR Mono	482	1 Tr			
2250	KFMH	99.7 IA Muscatine, back again! This time even stronger! 99-	639	2310	WYYY	94.5 NY Syracuse, o/WNED L&C	131
2330	WZOK	97.5 IL Rockford, T403, 97ZOK	522	2316	WPHB	105.9 PA Phillipsburg, k\$, B105 slogan, very strong signal	150
2335	WXRK	104.9 IL Belvidere, rp\$, The X	512	3 Tr	(Local WBNY 91.3 Buffalo off, also semi locals WOLN Erie & WCNV Syracuse off too!)		
2337	WMYX	99.1 WI Milwaukee, rm\$, calls	460	0104	WESM	91.3 MD Princess Anne, in very good with ID after news.	368
2356	WDEK	92.5 IL DeKalb, All Hit 92.5	510	0106	WYEP	91.3 PA Pittsburgh, calls, modern rock (p\$), REM, Farm, Cure, etc	188
17 Tr				6 Tr			
0000	WNJI	90.5 IL Rockford, j\$, ID with De Kalb	522	1101	WXHC	101.5 NY Homer, calls, mr\$, very tough due to CFMP Peterborough	130
0021	WRIZ	106.3 MI Lakeview, Star 106.3	331				
0029	WDCB	90.9 IL Glen Ellyn, DuPage college, news promo, all alone on freq	479				
0057	WBLV	90.3 MI Twin Lake, Blue Lake R	370				

Glad to have seen everyone at the convention-it was fun. Despite July picking up some, this was likely my worst Es year since I began in 1986.

SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

SEPTEMBER 1991

DEADLINE 14th

SOUTHERN FM DX FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Report today!

SHORT DISTANCE HOP, A HIGHLIGHT FROM THIS YEAR'S MODEST SEASON.

Chester P. Royster WB40HC, RFD Box 23, Freeman, VA 23856

Equipt.: Pioneer 8100 tuner with 3 150 khz filters, stacked FM-13's at 25' and 18'.

7/19 Es EDT

1630 WFR 91.7 FL Okeechobee
1651 WJIS 88.1 FL Bradenton
1654 WJNF 91.1 FL Marianna
1659 WSVH 91.1 GA Albany
1708 WKGC 90.7 FL Panama City
1711 WJNF 88.5 FL Tampa
1715 WJIZ 96.3 GA Albany
1954 KMXR 93.9 TX Corpus Christi
2000 WMBV 91.9 AL Dixon Mills
2014 WQZX 94.3 AL Greenville
2020 KTEL 96.3 AL Greenville
2023 WDJR 96.9 AL Enterprise
2027 WYZB 105.5 FL Fort Walton
2032 KQXL 106.5 LA New Roads
2037 WEZB 97.1 LA New Orleans
2044 WBLX 92.9 AL Mobile
2050 WAFX 95.1 AL Prattville
2052 WCKW 92.3 LA Laplace
2053 WKNN 99.1 MS Pascagoula

7/20 Es

1905 WLPE 91.7 GA Augusta
7/26 Es
2039 KBEM 88.5 MN Minneapolis

7/30 Es

1654 WKGC 90.7 FL Panama City
1700 WUWF 88.1 FL Pensacola
1712 WBSN 89.1 LA New Orleans
1719 WYLD 98.5 LA New Orleans
1723 WQUE 93.3 LA New Orleans
1726 WKSJ 94.9 AL Mobile

7/31

1633 WJNF 88.5 FL Tampa
1642 WKSM 99.5 FL Fort Walton
1645 WKRG 99.9 AL Mobile
1744 KLSU 91.1 LA Baton Rouge
1759 WJDX 96.3 MS Jackson
1859 KRVS 88.7 LA Lafayette

Did stagger stack two FM-13s. Achieved about $\frac{1}{2}$ s unit of increased signal refraction. This enhancement permitted the reception of WQSM Fayetteville, NC when the array's backside was oriented towards WTVR Richmond, VA 55 miles.

Jeff Kruszka, 2824-E Steamship Cir., Harahan, LA 70123 CDT

Equipt.: JVC R-K200 receiver, handheld dipole antenna

5/19 Es

1207 KMOR 92.9 NE Scottsbluff

5/29 Es

1756 WMMQ 92.7 MI Lansing, ID
1836 WOLX 94.9 WI Madison, ID
1846 WVIC 94.9 MI E. Lansing, ID
1847 WSCB 92.9 MN Duluth, ID
1850 KZOC 92.7 KS Osage City, "KZ93", k
1851 KHWY 94.7 CO Boulder, "the new KHIH,
K-high 94.7"

6/24 Es

1950 unIDs 92.9, 93.9, 97.7 Mexico

7-14 Es

2023 WDOR 93.9 WI Sturgeon Bay, ID,
black contemporary mx

7-18 Es (short Es)

1955 KXPzt 92.9 CO "oldies 92.9", (in car)
2012 unID 92.7 TX mentions of w. TX
2015 KOLT 105.9 ?? "KOLT 106", k
KHYI 94.9 TX Dallas, Power 95, (very short)
2038 KBIM 94.9 NM Roswell, ID
2036 KILQ 93.9 CO Pueblo ment., ID
2045 KECO 96.5 OK Elk City, ID
2046 KKFPM 96.5 CO Colorado Springs, ID
2052 KKIK 93.7 TX Lubock, ID

7-31 Es

1938 unID 93.9 B-94

Here's my report for the summer so far. Probably the worst FM skip season I've ever experienced - hardly anything to report.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equipt.: McIntosh MR78, Probe 9

7/1 Es

0011 CBQ 88.3 ON Thunder Bay, s/off-ID
0031 WSCD 92.9 NM Duluth, wx alert
0032 WAKX 98.9 MN Duluth, "Classic Hits 99
WAX"
0106 CHIQ 94.3 MB Winnipeg, "Q-94"
1100 WHSA 89.9 WI Bruce, ID
1204 CBQ 88.3 ON Thunder Bay, ID again
1204+ spotty MUF to 100.9 Canada
1822 WXTU 92.5 PA Philly, "Country 92, ID
1827 WHJY 94.1 RI Providence, "94HJY"
1836 WWBB 101.5 RI Providence, "all oldies
B-101"
1838 WKBX 101.5 ?? op
1839 WQHT 97.1 NY New York, Hot 97"
1840 WBLQ 99.3 RI Block Island, r, ID

7/1 Es

1841 unID 98.9 "The Breeze", new age mx
1842 WKZS 99.9 ME Auburn, "Kiss-100"
1842 WHEB 100.3 NH Portsmouth, ID
1843 WHMP 99.3 MA Northampton, "HMP-FM"
1844 WLKZ 104.9 NH Wolfeboro, ID, Lakes FM
1845 unID 107.1 "B-107 w/Lee Bo"
1848 WKCI 101.3 CT Hamden, "KC-101"
1849 WXKS 107.9 MA Medford, "Kiss 108"
1849 WWHB 107.1 NY Hampton Bays, ID
1850 WPOR 101.9 ME Portland, ads, ID
1851 WBLM 102.9 ME Portland, rp, ID
1859 WFCC 107.5 MA Chatham, ID
1900 WMJX 106.7 MA Boston, ID
1901 WBCN 104.1 MA Boston, ID
1902 WQRC 99.9 MA Barnstable, ID.....CONT....

SOUTHERN FM DX

Pugh, cont.

SEPTEMBER 1991

7/1 Es
 1903 WQOL 95.3 ME York Center, "Cool 95.3"
 1911 WBLS 107.5 NY New York, s, ID
 1915 WQQQ 96.7 CT Stamford, ads, "Q96.7"
 1919 WXHT 99.9 PA Easton, ID
 1920 WJLK 94.3 NJ Asbury Park, ID
 1922 WPNH 100.1 NH Plymouth, ID
 1924 WMGX 93.1 ME Portland, ID
 1926 WROW 95.5 NY Albany, wx, ID
 1927 WKHLt 95.5 PA Saladasburg, "Cool Radio"
 1912 WOKQ 97.5 NH Dover, ID
 1931 WSSH 99.5 MA Lowell, ID
 1932 WKKE 95.3 VT White River Falls, ad
 1937 WOOD 106.1 MA Hyannis, ID
 1939 WTMX 99.3 PA Harrisburg, "WMIX"
 1949 WBAB 102.3 NY Babylon, ID
 2001 WEVO 89.1 NH Concord, xltr list
 2003 WVIA 89.9 PA Scranton, c, ID
 2006 WSNM 99.3 NY Potsdam
 2008 WAMC 90.3 NY Albany, ID
 2009 WXGL 93.9 ME Lewiston, "Eagle 94"
 2011 WELV 103.1 r
 2018 WKNE 103.7 NH Keene, "KNE-FM"
 2019 WVCB 88.3 NY Loudonville, ID
 2026 WPAT 93.1 NJ Paterson, "Easy 93"
 2030 WZOZ 103.1 NY Oneonta, "Zoz"
 2030 WHRL 103.1 NY Albany, "Easy 103.1", ID
 2039 WXXX 95.3 VT S. Burlington ads, ID

tr
 2110 WFSM 94.1 TN Tazewell, k, \$, ID

7/2 Es (brief)

1009 CBQT 88.3 ON Thunder Bay

7/6 Es (brief)

1157 unID 88.3 mono, talk

7/7 Es

1218 KDHT 92.5 CO Greeley
 1219 KHIH 94.7 CO Boulder
 1220 KHOW 95.7 CO Denver, "K-How"

7/8 Es

1116 KWBI 91.1 CO Morrison, ID
 1129 unID 98.7 "Bright 98", KSID?
 1130 KRVN 93.1 NE Lexington, wx
 1132 KICK 96.1 NE McCook, ex 95.9, ID
 1129 KKPR 98.9 NE Kearney, lc. ref.
 1149 KULTt 94.9 NE North Platte, g, \$
 1156 KHIH 94.7 CO Denver
 1200 ??? 88.3 "KROA" ID, g\$, xltr?
 1200 KUVR 97.7 NE Holdrege, ID
 1202 KCSU 90.5 CO Fort Collins
 1204 KUTT 99.3 NE Fairbury, "\$99", ID
 1206 WKZS 99.9 ME Auburn, "Kiss 10"
 1209 KNLV 103.9 NE Ord, nx-wx, ID
 1214 KELN 97.1 NE North Platte, ID
 1217 KOGA 99.7 NE Ogallala, ads
 1220 KKNP 103.5 NE North Platte, KX-104
 1322 WFUV 90.7 NY New York, ID
 1227 WFCR 88.5 MA Amherst, ID
 1229 KSDZ 95.5 NE Gordon, ID
 1230 WCTK 98.1 MA New Bedford, ID

7/3 Es

1232 WOGB 94.9 MA W. Yarmouth, b, ID
 1233 WLYT 92.5 Haverhill, "W-lite", ID
 1240 KREP 92.1 KS Belleville, ads, "KR92"
 1249 KNDY 103.1 KS Marysville, ad
 1256 KCLY 100.9 KS Clay Center, ID
 1257 KTDft 104.7 KS Manhattan
 1300 KRFS 103.9 NE Superior, ID
 1303 KJHK 90.7 KS Lawrence, p, ID
 1305 KAMI 104.5 NE Cozad, ads
 1306 KNNG 104.7 CO Sterling, "King FM"
 1310 KMCX 106.5 NE Ogallala, nx, ID
 1323 KERM 98.3 WY Torrington, ads
 1334 KAAQ 105.9 NE Alliance, ads
 1339 KCKS 95.3 KS Concordia, lcl. wx, "Kix"
 1345 KQMA 92.5 KS Phillipsburg, ID
 1359 KUWR 91.9 WY Laramie, xltr list
 1422 KMOR 92.9 NE Scottsbluff
 1429 ??? 88.3 KROA ID, again
 1436 KGLL 96.1 CO Greeley, "Eagle 94"
 1454 KRKX 94.1 MT Billings, ID

7/11 tr

1252 WOFE 105.7 TN Rockwood, k, \$, ID
 1500 WWQO 105.3 KY Glasgow, r, \$ ID

7/15 tr

1534 WNFB 94.3 FL Lake City, ads
 1608 WQPW 95.7 GA Valdosta, "Power 96"

7/18 Es

1038 KRKX 94.1 MT Billings, ID
 1038 KRCS 93.1 SD Sturgis, wx
 1047 KMKK 93.9 SD Rapid City, r, ID
 1048 KIKC 101.3 MT Forsyth, Kick Country
 1059 KEMC 91.7 MT Billings, ID
 1104 KINI 96.1 NE Crookston, wx
 1109 KKULT 95.5 MT Hardin, "Kool 95.5"

ms

1601 KDAL 95.7 Morris, prev. Es

7/26 tr

1011 WTNR 94.9 TN Waynesboro, k, \$
 1840 WAFR 88.3 MS Tupelo, g\$, "Family 88"

Es

2337 KSDN 94.1 SD Aberdeen, New Rock 94
 2243 KQAA 94.9 SD Aberdeen, o
 2245 unID 92.9 "Royals bsb", "MO lottery"
 2259 KESD 88.3 SD Brookings, ID
 2311 MUF 99.9 sudden f/out 2313

7/30 Es

1310 WSRxt 91.5 FL Fort Myers

7/31 Es

1607 WJXY 93.9 SC Conway, wx, "94X" 415
 1613 WJYR 92.1 SC Myrtle Beach, b, ID 430
 1614 WHLZ 92.5 SC Manning, k, ID 338
 1621 WQKI 93.9 SC St. Matthews, s, ads, \$320
 1643 WNHV 92.5 NC Nags Head, area ads 620
 1653 WZZU 93.9 NC Burlington, Durham ads 380
 1653 WRHT 96.3 NC Morehead City, lc. ad 540
 1656 WEXB 100.1 NC Edenton, sg, ID 560
 1657 unID 98.9 Raleigh-Crabtree Valley, ad

The evening Es on 7/1 was very intense with piles of stations battling on each frequency. 7/8 also noteworthy with NY, ME and MA mixing with a solid KS, NE, area opening. Most unusual short skip on 7/31 gave my closest Es at 320 mi. Still, the '91 Es seems below average thanks to a poor June. Trop has been so poor I won't even mention it! 73.

Jeff Wolf, 1131 University Blvd. W. Apt. 701, Silver Spring, MD 20902

Equipt.: Sears AM, FM, TN band radio

7/19 Es EDT

1956 WBLX 92.9 AL Mobile, 93-BLX, ads,
 ID, "WBLX-FM Mobile-Pensacola"
 2011 unID 99.9 Coast 100, 2018 MUF 106.5

7/19 Es

2130 WQLM 92.9 FL Punta Gorda, ads, ID, wx,
 "playing all your life favorites."
 7/20 Es 1805 MUF 102.9 or 103.1
 1825 WGGZ 98.1 LA Baton Rouge, o, ads

Matt Sittel, PO Box 21451, 511J Wood Hall, NCSU, Raleigh, NC 27607

7/8 Es

1414 KNIN 92.9 TX Wichita Falls 1135
 1426 KDQN 92.7 AR DeQueen, local ad 898
 1634 KSRR 92.9 TX San Antonio, Star 93 1240

7/9 tr

0745 WMMW 107.3 SC Anderson, Magic 107.3 242

7/10 tr

0728 WRQX 107.3 DC Washington, Mix 107.3 236
 0730 WXLV 102.5 SC Charleston, calls 218
 0734 WBRF 98.1 VA Galax, Stereo 98 138

7/12 tr

0643 WMJS 92.7 MD Prince Frederick, ID 224

0712 WZBH 93.5 DE Georgetown, area ads 272

0725 WRQX 107.3 DC Washington, Mix 107.3 236

0726 WCXR 105.9 VA Woodbridge, DC nx 213

0733 WOLC 102.5 MD Princess Anne, calls 238

0851 WJFK 106.7 VA Manassas 217

0904 WXLV 102.5 SC Charleston 218

0906 WETA 90.9 DC Washington, calls 236

7/16 tr

0908 WCOL 98.3 VA Lynchburg, calls 113

7/17 tr

0836 WJFK 106.7 VA Manassas 217

0838 WRQX 107.3 DC Washington, Mix 107.3 236

7/18 Es

1953 KZOC 92.9 KS Osage City, k 964

2017 KBEZ 92.9 OK Tulsa, calls 968

2018 KISR 93.7 AR Fort Smith, Kissar 887

2025 KSPT 93.7 OK Stillwater, local ad 1029

2037 XHXL 91.7 NL Monterrey, XL90 1474

7/19 Es

1632 WRGI 93.5 FL Naples, G93 694

1634 WQLM 92.9 FL Punta Gorda, Lite93FM 646

1637 WGUJ 92.7 FL Marco, Gulf 92.7 708

1645 WOLZ 95.3 FL Fort Myers, ID 662

1653 WJST 94.5 FL Port St. Joe, calls 564

1659 WRBA 95.9 FL Springfield, Bay 96 560

1659 WJNF 91.7 FL Marianna, local ment. 515

1704 WTBW 97.7 FL Bonifay, calls 533

1707 WJAD 97.3 GA Bainbridge, 97-3 JAD 479

1714 WRJM 93.5 AL Geneva, calls 529

1854 WLUN 95.3 MS Lumberton, calls 705

1859 WMBV 91.9 AL Dixons Mills, ID 582

1902 KLTR 93.7 TX Houston, K-Lite 106C

1902 WQID 93.7 MS Biloxi, 94QID 70C

1903 WQCK 92.7 LA Clinton 755

1905 KJEF 92.9 LA Jennings, local ad 901

1906 WMTQ 93.5 FL Port St. Joe, calls 564

1906 WKRY 93.5 FL Key West, local ment. 806

1916 KKAY 104.9 LA Donaldsonville 820

1922 KKBQ 92.9 TX Pasadena, 93Q 1053

1925 KBXX 97.9 TX Houston, The B-O-X 1060

1928 KZFM 95.5 TX Corpus Christi, 295 1239

1930 KHMV 96.5 TX Houston, local ad 1060

1933 KMDL 97.3 LA Kaplan, calls 890

1935 KZFX 107.5 TX Lake Jackson 1090

1937 KVPO 105.9 LA Berwick, local ad 847

1938 KMMX 106.7 TX Terrell Hills, K-Mix 1236

1942 WOWW 107.3 FL Pensacola, Wow 107 618

1945 WLTS 105.3 LA Slidell, Lite 105 750

1951 KQKQ 106.5 TX Galveston, Hot 106.5 1037

1952 XHOM 104.1 LA Houma 825

1956 KBIU 103.7 LA Lake Charles, Bayou104 930

2002 KTBQ 107.7 TX Nacogdoches, Q107 967

2005 KMYQ 100.1 LA Bastrop, The River 786

2007 WKMX 106.7 AL Enterprise, 106.7 KMX 517

2010 KUEZ 99.3 TX Lufkin, calls 978

2011 KTUX 98.9 TX Carthage, Tux 99 935

2017 KISS 107.3 TX Whitehouse, Kiss 107.3 980

2018 KOOI 106.5 TX Jacksonville, EZ 106.5 992

7/18 Es

2020 WWQZ 105.3 MS Aberdeen, ZQ 105 576

2035 WGUD 106.3 MS Pascagoula, Good 106 684

2036 KQLD 106.7 LA Port Sulphur 778

2038 WHSY 104.5 MS Hattiesburg 687

2041 WYLD 98.5 LA New Orleans, FM 98, s 778

2046 WXXZ 95.7 LA New Orleans, Mix 95.7 778

2049 WAKH 105.7 MS McComb, K106 749

2050 WFSY 98.5 FL Panama City, Sunny98.5 560

2052 WXUS 100.5 AL Fort Rucker, US100, k 509

7/23 tr

0859 WSVH 91.1 GA Savannah, ID 298

7/24 tr

0759 WSVH 91.1 GA Savannah, ID 298

0759 WJWJ 89.9 SC Beaufort, ID 268

0805 WKOA 94.5 SC Murrells Inlet 153

0806 WGTN 100.9 SC Andrews, calls 169

0814 WYBB 98.1 SC Folly Beach, 98 Rock 226

0818 WHTK 99.7 SC Port Royal, calls 259

0819 WKSJ 100.5 SC Marion, Classy100.5 FM 118

0825 WJMX 102.9 SC Cheraw, freq. switch 102

0903 WXLV 102.5 SC Charleston 218

0904 WEZL 103.5 SC Charleston, calls 218

7/26 tr

0759 WSVH 91.1 GA Savannah, ID 298

Es

2357 unIDs 91.1

7/30 Es

1548 XHOX 95.3 TA Tampico, FM Globo 1511

1552 XHJT 100.1 TA Tampico 1511

1600 XHPD 93.5 TA Tampico, full ID! 1511

1617 XH 97.7 TA Tampico, local ment. 1511

1635 XH 103.1 TA Tampico, EstereoRe cuerdo 1511

1640 KZSP 95.3 TX South Padre Island 1292

1648 KELL 94.5 TX Harlingen, K-Lite 1316

1650 KQLD 106.7 LA Port Sulphur 778

1652 KCIL 107.5 LA Houma, C107 825

1654 KMDL 97.3 LA Kaplan, 97-3 KMDL 890

1658 KAJN 102.9 LA Crowley 887

1659 WBSN 89.1 LA New Orleans, area ment. 778

1701 KNOK 102.9 LA Belle Chasse, ID, j 766

1706 WOSM 103.1 MS Ocean Springs, g 697

1714 WMEZ 94.1 FL Pensacola, b 618

1718 WFMF 102.5 LA Baton Rouge, Hot 102 813

1720 WDLT 98.3 AL Chickasaw, calls 643

1730 KJEF 92.9 LA Jennings, calls 901

1740 WBLX 92.9 AL Mobile, 93BLX, s 647

7/31 Es

1634 KNGV 92.7 TX Kingsville, calls, g 1272

1638 WBLX 92.9 AL Mobile, calls 647

1643 KQKI 95.3 LA Bayou Vista, Kwickie 849

1646 WLUN 95.3 MS Lumberton, U95 705

1646 WQUE 93.3 LA New Orleans, Q93 778

1649 WTVY 95.5 AL Dothan, FM 95, k 499

1654 WYLD 98.5 LA New Orleans, local ment 778

1655 KMDL 97.3 LA Kaplan, calls, k 890

1659 KSMB 94.5 LA Lafayette, ID 868

1710 WXBW 102.7 FL Milton, calls, k 602

1715 KBYO 104.9 LA Tallulah, calls 753

1717 KQLD 106.7 LA Port Sulphur 778

1726 KJZR 106.9 TX Conroe, calls 1047

1730 KLTS 105.3 LA Slidell, Lite 105 750

1733 KTDY 99.9 LA Lafayette, calls 868

1737 KCIL 107.5 LA Houma, local ment., k 825

1752 KWKH 94.5 LA Shreveport, calls 894

1753 KIIT 93.7 LA Shreveport 894

1754 KTYL 93.1 TX Tyler, local ad 984

1755 KKBQ 92.9 TX Pasadena, 93Q 1053

CONT.....

7/31 Es

1756 KTKC 92.7 LA Springhill, ID 867
 1759 KSWP 91.1 TX Lufkin, calls 978
 1800 KDAQ 89.9 LA Shreveport, ID 894
 1802 KWNS 104.9 TX Winnsboro 970
 1806 KRDF 104.9 LA Abbeville, local ad 881
 1808 WJMI 99.7 MS Jackson, calls, s 703

July produced some surprisingly short skip! The MUF in FL on July 19 hit channel 12! I suppose that explains some of my very short skip, like WJAD. I was shocked! Not having DXed skip here before, I don't know what an average summer should produce, but I suspect that this much short skip not normal! Log totals now at 443. 73's.

Doug Allen, w2crs, PO Box 5646, Woodland Park, CO 80866

Equipt.: Onkyo T 4087 and various Pioneer tuners(all IF modified)FM-13 at 50 feet.

6/25 tr & Es

1300 KXLS 99.7 OK Alva, nw OK stations strong
 0759 KNID 96.9 OK Enid
 0800 KOSU 91.7 OK Stillwater
 2000 WMBW 88.9 TN Chattanooga, "K Country 106"
 2000 WLEF 89.1 AL Montgomery, g
 2010 WOKK 97.1 MS Meridian, "97-OKK"
 2020 WRBH 88.3 LA New Orleans, No pun intended—get it? (NO, DB)
 2026 KJAE 92.7 LA Leesville, "\$ Country KF"
 2030 KETX 92.3 TX Livingston, promo, ex 92.1

6/27 Es

1231 WRBH 88.3 LA New Orleans, readings for the sight impaired
 1232 WBSN 89.1 LA New Orleans, wx
 1237 WCKW 92.3 LA LaPlace, ID
 1238 WQCK 92.7 LA Clinton, ID
 1239 KITT 93.7 LA Shreveport, ID
 1240 WXLt 94.1 MS McComb, ads, "Sunny 94"
 1300 KCRT 92.7 CO Trinidad, ex 92.5, gw
 1306 KXTQ 94.1 OR Bend, "central Oregon's Q94"

1845 CBUF 97.7 BC Vancouver, FF
 1847 KING 98.1 WA Seattle
 1850 KYSN 97.7 WA East Wenatcha, k
 2023 KISC 98.1 WA Spokane "98 KISS FM"
 2027 KUOW 94.9 WA Seattle, wx
 2029 KDRK 93.7 WA Seattle, ads

6/29 Es, 7 tr s

1315 WGWG 88.3 NC Boiling Springs, ID
 1317 WLtQ 92.7 TN Harriman, ads, k
 1320 KZLEt 93.1 AR Batesville, "Z93"
 1323 WTDK 96.9 NC Statesville, k, ID
 1331 WABN 92.7 VA Abingdon, ID "B93"
 1335 WAXM 93.5 VA Big Stone Gap, local PSA, wx 120 watts
 1339 WXLK 92.3 VA Roanoke, "K92 FM"
 1346 WJQQ 98.1 ?? ID
 2024 KPRN 89.5 CO Grand Junction
 //90.1 KCFR, dual ID, CO #115

6/30 Es and tr s

1215 ?? 97.7 Mexico SS
 1216 ?? 94.5 Mexico SS
 1244 KLLT 88.3 NM Albuquerque, g, D
 ID 1st time home; previously PP

7/1 tr & Es

0223 KSOY 95.1 SD Deadwood, KRDO off
 0749 WTVY 95.5 AL Dothan
 0757 WINT 94.9 FL Tallahassee, ID
 0758 CBON180N Sault Ste. Marie, FF
 0807 WQSO 98.1 ?? ID, Perhaps a pirate?
 0809 WWUF 97.7 LA Jena, ID
 0813 WZLI 106.1 GA Toccoa, "Z106"
 0819 KJNA 99.3 LA Jena, ID
 0820 KDBH 97.7 LA Natchitoches, ID

7/31 Es

1809 KUEZ 99.3 TX Lufkin, local ad 978
 1813 KAFX 95.5 TX Diboll, AllHitK-Fox95 987
 1815 KMYQ 100.1 LA Bastrop, The River 786
 1820 KYTX 97.9 TX Beeville, Y98 1233
 1823 KLTR 93.7 TX Houston, K-Lite 1060
 1834 KSRR 92.9 TX San Antonio, Star 93 1240

July produced some surprisingly short skip! The MUF in FL on July 19 hit channel 12! I suppose that explains some of my very short skip, like WJAD. I was shocked! Not having DXed skip here before, I don't know what an average summer should produce, but I suspect that this much short skip not normal! Log totals now at 443. 73's.

7/1 tr & Es

0824 WEZB 97.1 LA New Orleans, plus other New Orleans pests in!
 0827 KHOM 104.1 LA Houma, "Rockin Oldies 104"
 0830 WKJN 103.3 LA Hammond, "Cajon 103"
 0836 KJZS 106.9 TX Conroe, "smooth jazz" "the new 106.9 KJZS"
 0837 KQOK 106.5 TX Galveston, SS, Houston's cou cou
 0838 KIOC 106.1 TX Orange, "Power hits K-106"
 0840 KISX 107.3 TX Whitehouse, "Kiss is the Hits"
 0845-0915 144 MHz opens to eastern TX
 0930 KJOJ 103.3 TX Freeport, g,
 "100,000 watts KHJOJ", apparently switched facilities wiwth KJZS above
 0935 KOUL 103.7 TX Sinton, ID
 0938 KZEP 104.5 TX San Antonio, "K-ZEP104"
 0945 WRUP 103.3 MI Marquette, ads
 0951 CHAS 100.5 ON Sault Ste. Marie, "Lite 105 CHAS"
 1000 WHWC 88.3 WI Menomonie //unID 90.3 WI Public Radio
 1001 WVSS 90.7 WI Menomonie, ID
 1001 CBON2490.7 ON Kapuskasing, FF, mixing with above
 1003 CKSB9 89.1 ON Fort Francis, FF
 1015 WRJO 94.5 WI Eagle River, ID, ex 94.3
 1017 CFN) 93.1 ON Marathon, ads
 1018 WGLQ 97.1 MI Escanaba, local news "Magic 97"
 1020 WJPD 92.3 MI Ishpeming, ID
 1022 WIMK 93.1 MI Iron Mountain, ads, wx
 1025 WLTE 102.9 MN Minneapolis, "WLTE color radar"
 1027 WIMI 99.7 MI Ironwood, ID
 1029 WJMC 96.3 WI Rice Lake, ID
 1031 CJSD 94.3 ON Thunder Bay, "94FM"
 10333 WYKX 104.7 MI Escanaba, ads
 1035 KLXK 93.7 MN Minneapolis, ID

7/5 Es

0753 WQOS 88.1 NC Asheville, ID
 0758 WDEF 92.3 TN Chattanooga, ID
 0826 WRAF 90.9 GA Toccoa Falls, ID
 0830 WMBW 88.9 TN Chattanooga, ID
 0839 WXLK 92.3 VA Roanoke, "K92 FM"
 0927 WLWI 92.3 AL Montgomery, ID
 2127 KKSX 97.1 OR Portland, "Kissin FM"
 2137 KMGE 94.5 OR Eugene, "Magic 94"

7/8 Es

1058 WEFM 98.1 SC Seneca, ID
 1100 WTBI 91.7 SC Greenville, g, ID
 1102 WUOT8 88.1 TN Chattanooga, did I hear WUOT or WUTC? "University of Tennessee" cont.....

7/8 Es

1106 WGWG 88.3 NC Boiling Springs, ID
 1109 WKOM 101.7 TN Columbia, ID
 "goodtime rock and roll"
 1113 WMYU 102.1 TN Seveirville, "light rock U102"
 1119 WJMX 103.3 SC Cheraw, ID,
 "extra hot 103X"
 1121 WIVK 107.7 TN Knoxville, ID
 1127 WSSL 100.5 SC Gray Court, ID,
 "Whistle 100"
 1134 WMDM 101.3 SC Sumter, "the big DM"
 1136 WZY2 100.9 NC Fairmont, Fairmont & Lumberton ads
 1140 WZNY 105.7 GA Augusta, promo, "Sunny105"
 1142 WSYN 106.6 SC Georgetown, ID
 1146 WYAV 104.1 SC Conway, "all hit WAVE 104"
 1148 WJWX 102.9 SC Conway?, ID //103.3 above, "103X"
 1150 WLWZ 103.9 SC Easley, ads, "Z104"
 1155 WMMI 107.3 SC Anderson, ID
 "Magic 107.3", ex WANS
 1159 WMHK 89.7 SC Columbia, ID
 1201 WJUU 94.5 SC Greenville, wx
 1212 WKTC 96.9 NC Goldsboro, pos. new freq.
 DX record 1472 miles, had this one last summer, but didn't note mileage
 1214 WRFR 96.7 NC Franklin
 1218 WJIZ 96.3 GA Albany, ID
 1220 WKZO 101.7 SC Myrtle Beach wx, ads, promo, 1492 mi. poss. new freq. DX record
 1229 WFBC 93.7 SC Greenville
 1230 WLIL 93.5 TN Lenoir City, ID
 1234 WPPD 94.3 SC Marion, ID, "Lite 94"
 1248 WBFM 98.1 SC Seneca, local nx, wx
 1252 WQTR 100.1 SC Lake City, Florence ads
 1492 mi. poss. new freq. DX record
 1257 WOOS 97.9 SC Columbia, promo, wx
 new KISS FM" nw calls?
 1303 WWMY 94.5 NC Eden, "Lite 94.5" ads

Thanks to Matt Sittel and Ken Rumstadt who helped me with several unIDs. I've sent several more to Matt's new column! Thanks to Bill Nienajadly for the Digi Key catalog. I've ordered the narrower filters and will report on experiments. (Also see Tim McVey's "Technical Topics" in VUD).

Conditions: Tropo continues to be elusive with the SD opening the only good tropo; Es may be down a bit from last year, but has produced several high MUF openings (seven 144 MHz openings), and openings into newly heard areas, also some double hop (next report) Though I disagree with Joop J. Prosee's "no hop" theses, and with several of his assumptions and so-called facts as well (VUD, June 1990), I'm continually amazed how common 1400 plus mile skip is from here and willing to admit that some 1500 mile skip may be single hop. But how much further than 1500 miles? And, when we have received double hop, have we also received other stations at the intermediate distance? After we report on the current Es study (many thanks to those who have already participated--others, please get your info and grid maps to me now that the Es season is over!) I'd like to take a close look at 1500 miles plus reception to see if we can confirm or put to rest the no-hop thesis. 73.

Fred Laun, K320, 5802 Huntland Rd., Temple Hills, MD 20758

Equip.: Denon TU-800 tuner, Winegard antenna #35'

7/19

1842 WMMZ 93.7 FL Ocala, 293
 1847 WAKS 103.7 FL Ft. Myers, Kiss 103.7
 1852 WKCT 107.1 FL Ft Myers
 1855 WEEJ 100.1 FL Port Charlotte
 "The New Coast 100"
 1900 WMFQ 92.9 FL Ocala
 1902 WFLC 97.3 FL Miami, Coast 97
 1922 WMTD 93.5 FL Port St. Joe
 1931 WQLM 92.9 FL Port Charlotte
 "Lite 93 FM"
 1944 WQEZ 99.3 FL Ft. Myers
 1949 WKJN 103.3 LA Hammond, Cajun 103

7/8 Es

1330 WDBL 94.3 TN Springfield, ID
 1331 WDAV 89.9 NC Davidson, "classical 89.9 WDAV"
 1335 WMXC 104.7 NC Charlotte, ads, "the mix"
 1337 WSKZ 106.5 TN Chattanooga, ad
 1343 WIDR 96.9 TN Statersville, ID
 1346 WNSD 88.9 IN Notre Dame, ID
 1349 WPAR 88.1 NC Claremont, ID
 1354 WJMR 98.3 OH Fredricktown, ID
 1359 WHSST 89.5 OH Hamilton, Cincinnati wx,
 "FM 97.1" ???
 1401 WFGH 90.7 WV Fort Gay, ID
 1403 WPKO 98.3 OH Bellefontaine, ID
 gw
 2135 K203AT 88.5 CO Westcliffe, KRCC trans.
 full ! KGNU off
 7/15 tr, ms, Es
 0424 KPLO 94.5 SD Reliance, ID
 0430 KDSD 90.9 SD Pierpont, SD wx, 570 miles
 0445 KSLT 107.3 SD Spearfish, g
 0459 KWYR 93.7 SD Winner, ID
 0459 K201AQ 88.1 SD Hot Springs, KBHE ID
 295 mi., station #900
 0518 KUSdt 90.9 SD Vermillion, in noise
 0529 K2NE 89.5 NE ? Nebraska Public Radio,
 // 89.1 KHNE
 0621 KWYR 93.7 SD Winner, ID, short burst
 0630 KPSP 97.1 SD Faith, "SD Public Radio"
 tried to phone VHF hams in SD to run 144
 MHz; no one home
 0915 KPLO 94.5 SD Reliance, still in KWYR noisy
 0925 WMBW 88.9 TN Chattanooga, wx, ms burst
 0930 KDSD 90.9 SD Pierpont, still in and
 // KPSP 97.1
 1838 WPTV 92.3 NC Ashboro?, ID,
 "Carolina's Rock 92", new calls?
 1839 WQSM 98.1 NC Fayetteville, ID
 1857 WFBC 93.7 SC Greenville, ID "B-93.7"
 1859 WNSC 88.9 SC Rock Hill, SC Public Radio

CONT....

7/31 Es			7/31		
1716 WMEZ	94.1	FL Pensacola, "FM94	1758 WMXZ	95.7	LA New Orleans, The New Mix95.7
1721 WQFX	96.7	MS Gulfport, Foxy 96	1815 WKLT	98.3	AL Mobile
1722 WKJR	96.9	AL Enterprise, 96-6-WDJR	1820 WQUD	106.3	MS Pascagoula
1724 KNOK	102.9	LA New Orleans, The Breeze	1824 WMFC	99.3	AL Monroeville, 99 Country
1748 WKRG	99.9	AL Mobile	1829 WHIL	91.3	AL Mobile
1754 WKSJ	94.9	AL Mobile	1832 WPCS	89.5	FL Pensacola
			1835 WABB	97.5	AL Mobile

Bill Townshend, 4500 Conn. Ave. NW #901, Washington, DC 20008

Equipt.: Realistic Portavision 55. In MD: Realistic 12-613 Pocket receiver plus metal bar between window panes aboard SS Jubilee off west coast of Mexico (bar served as antenna) for eclipse cruise

In DC area (at Marlow Heights, MD where I work)

6/16 tr			PDT time		
0855 WKXW	101.5	NJ Trenton, tx cx	7/13 tr ON BOARD S.S. JUBILEE	25.9°N, 113.5°W	
0858 WKSZ	100.3	PA Media	0030 KKEZ	98.7	CA Los Angeles, oldies 600
0904 WSRX	106.9	VA Suffolk	0050 KKLA	99.5	CA Los Angeles, g
0920 WEAZ	101.1	PA Philadelphia, EZ	0209 KHAY	100.7	CA Ventura, k
5/30 tr			0030 KKEZ	98.7	CA Los Angeles, oldies xKJOI
0823 WJCM	103.7	NJ Atlantic City, tx cx	0315 KTYD	99.9	CA Santa Barbara
ON BOARD S.S. JUBILEE:			0050 approx. pstn.	25.8°N 113.5°W	600 mi.
7/8 tr (ship at 28.5°N, 116.3°W) MDT			0209	"	25.9°N 113.7°W 600
1015 KRUZ	103.3	CA Santa Barbara, m 400	0315	"	26.0°N 114.0°W 700

Eclipse viewing was perfect although thru thin cloud. Corona and prominence seen. Totality 6 min. and 42 sec. Waterspout seen at Mazatlan about 0620 local time.

Christopher S. Dunne, 21541 NW 8 Ct., Box 81, Pembroke Pines, FL 33029

Even though '91 has been a poor E year, whatever Es I've had sure has been quality Es! 8/7 proved to be another day of exotic DX, although not quite as active as on 9/27/90. Assistance on my UNIDs is always welcome. Thanks to the Lord again.

Time	Call	Freq.	St	Location, details	Miles	Time	Call	Freq.	St	Location, details	Miles
7/19 Es						7/30 Es (cont.)					
1043 KUDL	98.1	KS Kansas City, ID			1140	1223 WASK	105.3	IN Lafayette,			
1047 KMBR	99.7	MO Kansas City,				"K-105 FM"				990	
"Lite 99.7 FM", ment. K.C.					1140	1234 WSHW	99.7	IN Frankfort, "Shine			980
1048 KTGO	98.9	MO Kennett, ID			840	99"					
1100 KXCV	90.5	MO Maryville, "Mary-									
ville", "90 Plus"					1215						
1103 KKLK	94.5	MO Poplar Bluff, ID			885	8/7 Es					
1105 KXCV	94.3	MO Rolla, "Max",				0900	88.1	GT Guatemala City, SS			
"Rolla" wx					990	to	"Fabu-sterac", b, third time				
7/26 Tr						1230	heard, very distorted audio			1050	
2245 WMFQ	92.9	FL Ocala, ID			230	unid 90.9	SS "Radio Exitos"				
.....last WMFQ log.....						88.3 FLW PIRATE,				
7/30 Es						Journey mx only (groundwave)				??	
1137 WWSN	107.7	OH Dayton, "Dayton's				unid 91.9 GT?SS "Internacional,					
Star 107-7"					910	Su Radio"					
1142 WVLK	92.9	KY Lexington,			On audio tape I have a					
sounded like "K-93", ad for						"Feminina"; according to Jeff					
KY State Parks						White's Guatemala bandscan					
1157 WKEF	103.3	MI Battle Creek, ID			1090	there's a Fem. on 91.9; this					
1159 WFCJ	93.7	OH Miamisburg, ID			900	may be the same <u>estación</u>					
1200 WBTU	93.3	IN Kendallville,				TGRT 88.8 GT Radio Fabulosa, SS,					
"Ft. Wayne"					1030	t, heard better on modified					
1200 WIND	106.1	IN N. Vernon, ID			870	Superadio II (local pest 88.9)					
1202 WJXK	106.1	MI Jackson, ID			1070	than on JVC				1050	
1205 WFPK	91.9	KY Louisville, ID			850	unid 98.5 ES?SS, ment. FMLN &					
1213 WVAZ	106.9	KY Louisville,				"terroristas"; I'm 99.44% sure					
"Easy 107", heard "40202" ZIP					850	this is Cadena Cuscatlan in					
						San Salvador.....if so-1050					
						unid 97.7 SS					
Abbrev.: GT = Guatemala						Tr					
ES = El Salvador						2300 WLPT	88.3	GA Jesup, ID			365
SEE 8/91 VUD FOR EQUIPMENT						2301 unid 89.5		BBN, g, prob.			
Setenta y tres desde Florida.....cd						Savannah					
						2306 unid 106.9		Larry King - had			
						to be WLOW					

Gus Mancuso, 5615 Inwood St, Cheverly, MD 20785 301/773-3072

From Cordova, MD 50 miles east of DC Equipt.: Pioneer SX-40 & Radio Shack DX-440

7/3 tr

1719 WIPA 93.5 PA Mechanicsburg

1845 WKRZ 98.5 PA Wilkes-Barre

1912 WESI 104.9 VA Strasburg

1937 WFRB 105.3 PA Boyerton

2000 WTRM 91.3 PA Winchester

2037 WKOV 91.7 PA Phila.

7/4 tr

0700 WRFY 102.5 PA Reading

0706 WJOI 94.9 VA VA Beach

(Lucky moment when WPVR and WHKL both faded out.)

0714 WNOR 98.7 VA Norfolk, had to null

WMZQ and wait for WVIL to weaken

0730 WPLC 99.3 VA Spotsylvania

simulcasts with WPLZ, also 99.3, so I am listing closer WPLC

0735 WVSQ 102.5 VA Winchester

7/6 tr (Balance from home)

0750 WVMX 106.5 VA Richmond

0753 WKTC 96.9 NC Gouldsboro

0759 WYLT 96.1 NC Raleigh

2231 WXPZ 101.3 DE Milford, new, 90s. r

2359 WRVS 89.9 NC Eliz. City, ex 90.7

Strongest enhancement s to ssw in morning, shifting to e to se at night

7/8 tr

0101 WJBR 99.5 DE Wilmington, could never get a good null on WGAY, so I packed up and moved. New get lots of null on this side of room.

7/19 Es

1700 WRXK 96.1 FL Bonita Springs

1714 WMFQ 92.9 FL Ocala, ref. to Marion library

1716 WVCU 94.5 FL Naples

1718 WJIS 88.1 FL Bradenton

1723 WNLE 91.7 FL Fernandina Bch.

of these stations due to lack of enhancement. Pioneer table set has lots of int. to the "high side" of locals, but Radio Shack portable had little trouble digging out WKdu sandwiched between WBJC and WJIS. (Both sets modified.) Strong enhancement west. WTRM and WFRB are third closest stations on third closest stations on their freqs.

7/19 Es

1724 WAAC 92.9 GA Valdosta

1726 unID 94.3 Span. prob Cuba, fig. to find a FL SS in atlas, so didn't pay att. to accent. Suspect I missed a lot before 1700, Tailed off at 1730 but came roaring back after dinner. Boost from sunset tr enhance?

1900 WQLM 92.9 FL Punta Gorda #300!

ninth on this freq.

1917 WMMK 92.1 FL Destin

2000 WKGC 90.7 FL Panama City

2012 WYZB 105.5 MUF 105.45

2015 WMT0 93.5 FL St. Joe

2046 WDDQ 92.1 GA Adel, 9th on 92.1

2051 WINT 94.9 FL Tallahassee

2100 WRWA 88.7 AL Dothan, 1st ever 88.7

2109 WYUU 92.5 FL Safety Harbor

2111 WOLZ 95.3 FL Ft. Myers

2133 WAYJ 88.7 FL Ft. Myers

2137 WUSF 89.7 FL Tampa

7/26 Es

2350 KNIN 92.9 TX Wichita Falls, latest skip ever (time of day wise and date wise). Wish I had checked earlier, got home 2205, watched TV.

7/29 tr

(From "shielded building" corner location in Gaithersburg, MD, open only to nw.)

2041 WPVR 94.9 VA Roanoke

2100 WDSY 107.9 PA Pitts., null on WFSE MD

2100 WVPN 89.9 WV Wheeling, always get

WOEL MD from house.

7/4 holiday weather cool and very cloudy, holding reception down. Had to use DX-440 with its better selectivity to pull in some of these stations due to lack of enhancement. Pioneer table set has lots of int. to the "high side" of locals, but Radio Shack portable had little trouble digging out WKdu sandwiched between WBJC and WJIS. (Both sets modified.) Strong enhancement west. WTRM and WFRB are third closest stations on third closest stations on their freqs.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

7/19 Es

1818 WHCJ 88.5 GA Savannah, calls

1830 WNFB 94.3 FL Lake City

1842 WAUV 97.3 GA Savannah, "Wave 97"

7/19 Es

1843 WPEI 92.7 GA St. Simons Island, ad

1852 WKRR 92.3 NC Asheville, ads

8/11 tr

1005 KKLK 97.9 MO Webb City, ID 170

Well, the Es season has passed and it seemed to bypass me, though admittedly I missed checking most mornings when the DX was the most and the hottest for those who could.

John Combs, N4SFS, P. O. Box 7581, Tallahassee, FL 32314

6/7 Es

1940 KLGa 92.7 IA Algona, bb 1025

1943 KDOM 94.3 MN Windova, ads 1100

1945 KJJY 92.5 IA Ankeny, ads ads

6/12 Es

1416 XHXL 91.7 NL Monterrey 1025

"XL Estereo Momenta"

1417 XHFO 92.1 DF Mexico, ads 1270

6/16 Es

1828 CJBX 92.7 ON London 885

1829 CHAY 93.1 ON Barrie, wx, IDs 990

1833 CJBC3 96.5 ON, tent., FF disc

7/1 Es

2035 CBF9 91.9 PQ Monttaurier, tent. FF disc., R. Canada ID

2043 CIVT 89.5 ON Toronto, psa 950

7/1 Es

2100 WYSV 88.5 OH Youngstown 760

2104 WRRN 92.3 PA Warren, wx, ad 840

2119 WDSX 92.1 WI Spencer, ID 1035

2119 WRJC 92.1 WI Mauston, Madison ads* 975

2132 CHAY 93.1 ON Barrie, ID 990

2157 KDSD 90.9 SD Pierpont, local ID 1265

*Can't find a 92.1 closer to Madison unless there's a new one??

Look for an additional report from John next month. Until next month, 73.

DB

WESTERN TV-DX

September 1991

Fred McCormack
Box 17860
St. Paul MN 55117-7860

Deadline: 10-10-91
Cut-off: 07-01-91

E skip dates reported for July were: 1-2, 4-8, 14-22, 24-27 29-30. Not too bad?

New____ New Mode__ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MTS Stereo - \$

CH Chihuahua	CU Coahuila	NL Nuevo Leon	TA Tamaulipas	VE Veracruz
ANC All News Channel		TAB 3 Angels Broadcasting		
CBN Family Channel		TBN Trinity Broadcasting		
CNN Cable News Network		TBS Turner Broadcasting		
HSC Home Shopping Club		TNN The Nashville Network		
HSS Home Shopping Spree		VJN Video Jukebox Network		
SCA Sports Channel America				

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401

COT

Equipment:

VHF antenna (unknown vintage) at approximately 30 feet. Tabletop Radio Shack
UHF bow tie in the attic at approximately 15 feet. Kawasho 13" color set.

Greetings! We've had lots of excitement here - James Christopher is now nine weeks old and doing new stuff every day.

DX-wise, things have seemed s-l-o-w here. Here's what I've gotten lately, which I'm still thankful for. I've edited it down to no relogs under 290 km (180 miles) which eliminates any St. Louis or Ames/Des Moines relogs.

June 1991	3 tr 0630	WSJVt 28 IN	15 tr 0625	WTTKt 29 IN
30 tr 0737	WXIN 59 IN 231	WSBT 22 IN 220		WSJVt 28 IN
July 1991		0636 WNDut 16 IN	0626	WSBT 22 IN 220
2 tr 0632	WJYS 62 IN 141	14 tr 0804	KRCgt 13 MO	0628 W45AJ 45 IL 110
3 tr 0621	WHME 46 IN 223	15 tr 0617	W62BU 62 IL 110	(Rockford CHA)
0630	WTTK 29 IN 235	(Rockford	WWT0-35)	0630
				WHME 46 IN 223

Totals now: 174 stations, 50 of 'em from Illinois; 125 tropo and 41 E skip; and 98 UHF / 76 VHF. God bless

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201)

PDT

Equipment: See July 1991 Western TV-DX

June 1991	July 1991	5 Es 2059	KVBC 3 NV 986
	4 tr 2200	2100	KNAZ 2 AZ 1137
18 Es 2045 (See notes)	2227 K53AZ 53 WA 160	7 tr 1009	CBUT9 60 BC 148
20 Es 2246 KTVS 3 CO 1150	(Centralia KIRO- 7)	1030	CBUT1 9 BC 101
26 tr 1054 KAPP 35 WA 213	ms 2334 KCRA 3 CA 739		(Rare)
1057 KEPR 19 WA 277	5 Es 1916 KSWK 3 KS 1350	Es 1100	KVBC 3 NV 986
1100 KIMA 29 WA 213	1931 KWGN 2 CO 1096	1133	KRTV 3 MT 569
KYVE 47 WA 213	1935 \$KCNC 4 CO 1096	1200	KYUS 3 MT 836
1108 KVEW 42 WA 279	1947 KTVS 3 CO 1150		KTVQ 2 MT 735
27 Es 2210 \$KVBC 3 NV 986	1959 KLNE 3 NE 1311	1258	\$KDLO 3 SD 1245
29 tr 0800 K68DL 68 WA 102	2000 KDUH 4 NE 1080	1259	KGAN 2 IA 1581
(Seattle religion)	2027 \$KUTV 2 UT 795	10 tr 2140	KWCT 27 WA 185
	2031 KTVX 4 UT 795	14 tr 0728	KAYU 28 WA 299

The cover of the July VUD says it all! Too many solar flares / geomagnetic disturbances. This is my worst E skip season on record. Auroral ionization hasn't been strong enough to produce useable video or audio on television, but some openings on 6 meters. June 18th evening E skip, I was at work and logged a couple of Colorado / Wyoming FM's on a \$40 portable radio. Opening was done by the time I was home.

K68DL is a semi-regular. Programming is 24 hour 7th Day Adventist programs. Video has been strong enough at times to realize there is no local legal top-of-the-hour ID - not even a graphic. Just "3 Angels Broadcasting". Frequency is 68z.

Mike Cherry (continued) Also, locally KTZZ-22 has a translator in Bellingham, Washington on channel 48 (K48DM fm). A ham/TV DXer 14 miles away can barely pick it up with a Channel Master UHF and preamplifier. I will need some local enhancement to bring this one out. Also a problem - I don't know its exact frequency. Dave Sinclair in Vancouver is also watching for this one.

Hope everyone enjoyed the convention! I also hope E skip improved - May started off promising but June and half of July very poor! 73s, Mike VE7SKA

John Ebeling, 6843 County Road 47, Alborn MN 55702 (218-345-6718)

CDT

DX from cabin at Alborn (Prosit), Minnesota

Equipment:

General Electric 19EC0740W (1980) - electronic tuning (no fine tuning). Antennas in the attic - one pointed south towards Minneapolis/St. Paul and the other aimed southeast towards Duluth - selection via knife switch. Neither antenna is a DX type.

June 1991		1 Es 0845 (DXed FM)	7 Es 1259 unid channel 2
9 Es 1730	unids chs 2-4	1245 WKRN 2 TN 815	
	WTVY 4(FL)1170	1400 WDIQ 2 AL 1115	8 to 15 - Away - no chance to DX.
	(See Note # 1)	1500 WBRZ 2 LA 1155	
	1745 WWL 4 LA 1190	1600 WDIQ 2 AL 1115	
	1800 on to FM band	2130 WTVY 4(FL)1170	
13 Es 1600	KPRC 2 TX 1215	2200 KMID 2 TX 1150	15 Es 1530 KDTN 2 TX 1020
	(See Note # 2)	2 Es 0900 intense chs 2-6 (DXed FM)	1700 WFMY 2 NC 1010
24 Es 1800	unids chs 2-3		1840 WAGA 5 GA 1010
29 Es 1500	unids channel 2	1130 WTVH 5 NY 850	1845 WSB 2 GA 1010
	(ABC/NBC/CBS/PBS)	1330 fade out	1900 WUNC 4 NC 1035
	1530 KDTN 2 TX 1020	4 Es 1214 unid ch 2 Mexico ("eco")	1840 WTVY 2(FL)1170
	WBRZ 2 LA 1155		19 Es 2300 KBCI 2 ID 1155
30 Es 2230	WUND 2 NC 1135	5 Es 0930 KPRC 2 TX 1215	2310 KTHO 2 WY 730
		1000 unid ch 2 PBS	2315 KTVQ 2 MT 755
July 1991		7 Es 1100 WRAL 5 NC 1065	22 Es 1230 WMAB 2 MS 960
1 Es 0845	WTVY 4(FL)1170	1128 WFMY 2 NC 1010	1630 WFMY 2 NC 1010

* Note # 1 - Super DX - only channel 4 in - like a local.

Note # 2 - Also noted in Minneapolis by my wife at the same time. Only channel 2.

At home in Bloomington, using my Zenith black & white set and a monopole on June 25th had KTVK-3, Phoenix, Arizona. I use this set as an indicator of E skip activity.

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661)

CDT

Equipment

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch; All tropo, some E skip: VHF-UHF (Winegard 8100?), Winegard preamplifier, RG-11, at 40 feet; Most E skip: Channel Master Quantum 1110 mounted vertically at 12 feet. (Replacement for previous low-band destroyed by March storm).

May 1991

27 tr 2030	KTFO 41 OK 410	28 tr 0432 K15CN 15 KS 305	28 tr 0534 K66CN 66 AR 355
	OKC chs 14,34,43	(Salina TBN)	(Harrison TBN)
	AR chs 24,29,40	0443 K20-- 20 ??	(See Note # 2)
	2207 KATV 7 AR 403	(Unknown HSS)	0541 KFAA 51 AR 359
	KTHV 11 AR 422	(Wichita - OKC heading)	KOKI 23 OK 410
	2230 KASN 38 AR 424	0450 unid ch 18 HSS	0710 KAYS 7 KS 475
	2314 KARD 14 LA 583	(LPTV/KAAS-18 ?)	0758 K58CX 58 KS 280
28 tr 0031	KFXH 51 TX 614	(Same heading)	(Lawrence KTKA-49)
0105	KTEJ 19 AR 314	0500 K59DA 59 KS 412	Es 1406 KACV 2 TX 705
	("AETN" allnite)	(Wichita TBN)	29 tr 0112 KTVI 4 IA 325
0138	K18BT 18 MO 135	0512 KOAM 7 KS 313	K20AD 20 MN 330
	(St. Louis TBN)	(See Note # 1)	(Worthington KSTP- 5)
0150	KMSS 33 LA 567	0524 KETG 9 AR 472	0141 K52AB 52 MN 320
0239	K210D 21 MO 135	(Very rare)	(St. James KARE-11)
	(St. Louis HSS)	0533 K42BS 42 AR 369	0144 K60DS 60 MN 234
0242	KLAX 31 LA 622	(Fayetteville TBN)	(Rochester TBN)

Frank Merrill (continued)

29 tr 0200	K64-- 64 ??	12 Es 0600	WPBT 2 FL 1164	26 Es 1127	WUFT 5 FL 874
(Unknown TBN)		1836	CKCW 2 NB 1346	1150	WEAR 3 FL 698
(See Note # 3)		13 Es 1300	KMOL 4 TX 883		KKTot 2 NM HSC
0209	W27AR 27 IN 237	1331	KMID 2 TX 866		
(Indianapolis WTHR-13)			KPRC 2 TX 799		
0211	=WFMJ 21 OH 523	1400	KRGV 5 TX 1077	July 1991	
Es 1435	WSAV 3 GA 777	1402	KGBT 4 TX 1069	8 Es 0956	WCBF 2 SC 795
1500	WPBT 2 FL 1164	1426	XEFB 2 NL 1161	1029	WUNC 4 NC 697
"ICRT" 3 Cuba		1816	XHAE 5 CU 1195		WUND 2 NC 834
1527	WEAR 3 FL 698	1900	KIII 3 TX 967		WESH 2 FL 952
1529	WEDU 3 FL 990		WESH 2 FL 952	1100	WTVY 4 AL 712
1559	WPTV 5 FL 1126	1915	"NTV" 5 Cuba		KATC 3 LA 725
1603	WESH 2 FL 952	2000	chs 2-5 Mexico	1135	KRIS 6 TX 962
WTVJ 4 FL 1163			WWL 4 LA 728	1145	KMOL 4 TX 883
1843	WTVY 4 AL 712		WPBT 2 FL 1164	1200	KMID 2 TX 866
(DXed FM)		2019	XHGV 4 VE 1500		WUFT 5 FL 874
30 Es 1126	XEFB 2 NL 1161	2024	"XHAJ/XEX" 5 VE		WJXT 4 FL 867
		14 Es 1300	WFMY 2 NC 664	1218	KALB 5 LA 658
		16 Es 1716	WRAL 5 NC 734	1230	WAGA 5 GA 575
		17 tr 0133	KMSP 9 MN 342	1244	KENS 5 TX 883
			(Strong)	1300	KPRC 2 TX 799
June 1991		0207	KDLO 3 SD 470		WCPX 6 FL 979
2 tr 2321	W28BE 28 IL 75		(Previous - Es)	1330	WTVJ 4 FL 1163
(Springfield religion)		0209	=KCCW 12 MN 486		WPTV 5 FL 1126
(All night)			(Ultra rare)	1400	WEDU 5 FL 990
3 Es 0028	WBRZ 2 LA 701	Es 0659	KMID 2 TX 866		WPBT 2 FL 1164
("All News Ch")		0729	KGBT 4 TX 1069	1728	XEFB 2 NL 1161
0100	KIII 3 TX 967	0730	XHRIO 2 TA 1026	9 tr 0115	WSFJ 51 OH 434
0450	KUTV 2 UT 1127	2202	unids chs 2-4 e		WXIX 19 KY 335
0502	KVBC 3 NV 1351		(French)		(Strong)
(ID slide - AN)		19 tr 0430	WQHS 61 OH 470		W68AA 68 IL 165
0505	@KCCZ 4 UT 1216	0436	WTOL 11 OH 386		(Danville WAND-17)
0547	KCRat 3 CA		WADL 38 MI 425	13 tr 0315	WRGT 45 OH 340
0617	@KBCI 2 ID 1318		WKBD 50 MI 403		WTTK 29 IN 246
0622	@KDBC 4 TX 1063		W47AZ 47 IN 240		(Abv 2 snowfree)
XEPM 2 CH 1067			(Indianapolis VJN)		W32AC 32 IN 277
(ECO from XEW)		Es 1040	CKCK 2 SK 960		(Muncie TBN)
1200	WUFT 5 FL 874	1100	CBCP3 3 SK 1030		WTOL 11 OH 386
WEDU 3 FL 990			CKND2 2 MB 818		(Home Shp Spree)
WPBT 2 FL 1164			KTVQ 2 MT 968		unid ch 13 audio
1230	WCIX 6 FL 1182	1400	KRTV 3 MT 1132		(See Note # 4)
WTVJ 4 FL 1163		1530	CKSA 2 AB 1271	14 Es 1900	WPBT 2 FL 1164
WPTV 5 FL 1126		tr 2325	KHNE 29 NE 391		WEDU 3 FL 990
2100	KENW 3 NM 859		KCAN 8 NE 375		WTVJ 4 FL 1163
XEPM 2 CH 1061			KCAU 9 IA 325	1925	Cuba 3
2200	KVBC 3 NV 1351		KELO 11 SD 369		Cuba 5
4 Es 0029	XEPM 2 CH 1067		(Thru KDIN-11)	1929	WESH 2 FL 952
0032	XHRIO 2 TA 1026	20 tr 0320	KDLO 3 SD 470		unid 2 Spanish
0520	XEPM 2 CH 1067		KELO 11 SD 369		(Cuba or 2Es ?)
1202	WESH 2 FL 952		("Best ever")	16 tr 2335	KMEG 14 IA 326
1400	WPBT 2 FL 1164	0340	KTSD 10 SD 551		K45CQ 45 IA 277
WEDU 3 FL 990		0400	KWCH 12 KS 416		(Council Bluffs TBN)
7 Es 1429	WEDU 3 FL 990		KSAS 24 KS 412		KHNE 29 NE 391
8 Es 1330	WPBT 2 FL 1164	0453	KSFY 13 SD 369	17 tr 0215	K58AE 57 IA
WESH 2 FL 952			KABY 9 SD 488		(Clarinda with WOI-5)
10 Es 1900	KSL 5 UT 1128	0515	KAAS 18 KS 370		(Nominal WOWT-6)
1916	KGWN 5 WY 752		K14HK 14 KS 456		K32AF 32 MN 320
1959	KDNT 2 TX 646		(Great Bend KSAS-24)		(St. James KSTP- 5)
2106	unid ch 4 "XH--"	0530	KGIN 11 NE 429		WSFJ 51 OH 434
2131	KUAT 6 AZ 1241	0700	K57BX 57 SD 390		WQHS 61 OH 470
2200	KWGN 2 CO 772		(Lake Andes KELO-11)	2330	WPTV 14 OH 318
2320	KTVQ 2 MT 968	23 Es 0048	CKCK 2 SK 960		WPTD 16 OH 340
2323	KRTV 3 MT 1132	24 Es 1700	KXAS 5 TX 646		KMEG 14 IA 326
2345	KNAZ 2 AZ 1197		XEFB 2 NL 1026	18 Es 0150	@CFAP 2 PQ 1061
2351	CKKX 2 AB 1345	25 Es 2100	KMID 2 TX 866		("T.Q.S.")
12 Es 0149	CKND2 2 MB 818		KENW 3 NM 859		CFCM 4 PQ 1058
CFSS 3 SK 871			XHIT 4 CH 1194		(AN test card)
0152	CKBI3 4 SK 1028	26 Es 1059	KSWK 3 KS 589	0158	WTVJ 4 FL 1163
0157	=CITL 4 AB 1271	1127	WESH 2 FL 952		(Home Shp Spree)
0159	CFSK 4 SK 1100		WEDU 3 FL 990	0200	WPTV 5 FL 1126
0600	WEDU 3 FL 990				

<u>Frank Merrill (continued)</u>		19 Es 1900	WPTV 5 FL 1126	26 Es 2000	WUND 2 NC 834
		1930	KSRE 6 ND 746	2158	WEDU 3 FL 990
18 Es 0230 unid channel 2		2030	CBWFT 3 MB 725	2159	WRBL 3 GA 648
(See Note # 5)		2118	CBWFT4 3 MB 848	2200	WPBT 2 FL 1164
tr 0410 <u>W15AM</u> 15 MI <u>312</u>		2125	CKBI 5 SK 1125	27 Es 1700	WCBD 2 SC 795
(Grand Rapids WHME-46)			CKBI3 4 SK 1028	29 ms 0353	WCBD 2 SC 795
WTVS 56 MI 403		2136	<u>CBWFT7</u> 2 ON 670	Es 2156	KUTV 2 UT 1127
Es 0545 WPBT 2 FL 1164			(See Note # 8)	2200	KMOL 4 TX 883
1029 KCWC 4 WY 944		2146	CHSS 6 SK 1013		KENS 5 TX 883
1030 KLBV 4 KS 574			CKOS 5 SK 941	2203	WBTV 3 NC 622
1100 <u>KREX</u> 5 CO <u>954</u>			CFSS 3 SK 871	30 Es 0100	KJAC 4 TX 735
("Western Slope")		2218	<u>CBKFT2</u> 3 SK <u>1125</u>	0115	KGBT 4 TX 1069
1128 KSRE 6 ND 746			(See Note # 9)	0118	KMOL 4 TX 883
1300 CBCP3 3 SK 1030		2300	CKKX 2 AB 1345	0125	KDFW 4 TX 646
CBKT1 4 SK 1006			CFCN 4 AB 1341	0159	KPRC 2 TX 799
CJFB 5 SK 1072		2316	unid channel 3+		(All Night Movie)
CKCK 2 SK 960			(See Note #10)	0204	KIII 3 TX 967
1329 CFQC1 3 SK 1150		2330	KRTV 3 MT 1132	0434	KUTV 2 UT 1127
CITL 4 AB 1271		20 Es 1820	KXMA 2 ND 750	1230	WPBT 2 FL 1164
1930 XHGV 4 VE 1500		1856	KBME 3 ND 661		Cuba 3
(See Note # 6)			KWSE 4 ND 841		WTVJ 4 FL 1163
2101 <u>XHHP</u> 3 TA <u>1300</u>		1858	CJFB 5 SK 1072		WCIX 6 FL 1182
(Soto La Pesca)			CBCP3 3 SK 1030		(Dxed FM)
(See Note # 7)		1929	<u>KFYR</u> 5 ND <u>662</u>	<u>August 1991</u>	
2113 CKCK 2 SK 960		21 Es 1029	KNAZ 2 AZ 1197	1 Es 0553	WTKR 3 VA 802
tr 2323 KARD 14 LA 583		1858	<u>WYFF</u> 4 SC <u>572</u>		WUND 2 NC 834
19 tr 0025 Ft. Wayne, Green			WCBD 2 SC 795	ms 1300	KDTN 2 TX 646
Bay, Detroit, etc			unid ch 5 CBS	Es 1424	KGBT 4 TX 1069
UHF's		24 tr 0001	<u>WJHLt</u> 11 TN <u>CCI</u>	1428	XHRIO 2 TA 1080
0250 @WZZM 13 MI 312			WUSI 16 IL 174	1431	KRGV 5 TX 1077
WTOL 11 OH 386			(Way over WTJR)	4 tr 0500	<u>W1/AZ</u> 17 IL <u>185</u>
0348 CIII22 22 ON 437		0026	W65BV 65 IL 75		(Johnston City TAB)
CIII29 29 ON 464			(Springfield w/WFIE)	0510	KAFT 13 AR 369
Es 1200 WBRZ 2 LA 701			(Normal WSEC-14)		KTEJ 19 AR 314
1800 KMID 2 TX 866		25 Es 1059	WPBT 2 FL 1164		(Apparently all
WEDU 3 FL 990			unid 2 Spanish		night Saturday)
WTVJ 4 FL 1163		26 Es 1859	WCBS 2 NY 870		
KRGV 5 TX 1077		1929	WCAX 3 VT 947		
1900 WUFT 5 FL 874		2000	CFCM 4 PQ 1058		

Note # 1 - Awesome! Over 50 mile KHQA in the same direction.

Note # 2 - K6OCL IA not on now, or since. It's gone!

Note # 3 - Toward Minnesota. Is K64DG, Iowa City on?

Note # 4 - Rarely I see "13-" CCI toward Chicago overnight on mornings that WGN-9 is snow free. WTHR-13 off. I suspect W13BE Chicago (VJN), but I've never had their audio or video. Will keep trying.

Note # 5 - "QUEBEC" Phillips round test pattern. CBFTs overnight says "MONTREAL".

Note # 6 - I've never had a map where I could measure accurate distances to "deep" Mexico, and I would like to know the true distance, since this is only an estimate. My coordinates are latitude 40.458 N, longitude 90.629 W (decimal). While on the subject of Veracruz, is "Las Lajas" a suburb of Veracruz City? Also, where are XEX/XHAJ-5&6? XHAJ is the Las Lajas one, but XEX in Altazoni is on no map I own (nor is Las Lajas). WTFDA Database shows XHAJ-5; another book shows XHAJ-6!

Note # 7 - I started to doubt the existence of this, because WTFDA Database shows this at 100 kW. With such power, and few other channel 3s nearby, this should be a "pest". Erp error or bad engineering?

Note # 8 - Parallel to CBWFT-3, channel 2+ audio (only other channel 2+ SRC is CBGAT22, Quebec, which was not received with antenna northeast).

Note # 9 - Audio only; channel 3+, Saskatchewan PSA during news; program promo mention of Regina.

Note #10 - Canadian from the northwest - news in English. Nothing fits!

Most common E skip visitors in 1991 as of 1500 on August 4th:

Channel 2: WPBT-FL (11), WESH-FL (8), XEFB-NL/KMID-TX (5), WCBD-SC (4)

Channel 3: WEDU-FL (9), KRTV-MT (4), KIII-TX (3)

Channel 4: WTVJ-FL (7), KGBT-TX/KMOL-TX (4)

Channel 5: WPTV-FL (6), WUFT-FL (5), KRGV-TX (3)

Channel 6: WCIX-FL/WCPX-FL (2)

Frank Merrill (continued)

After repeatedly complaining about the "poor E skip season", I now must say that it was overall only somewhat below average, or close to average. A late July rally (with good FM openings on the 18th and 30th and a good TV opening on the 19th) certainly helped.

Thanks to logging both WAGA and KALB on the 8th, I can ignore almost all "single-hop" English 5s for the US, needing only WDTV-WV, KIVV-SD and KXGN-MT within 1500 miles, though technically I need WTTG-DC on E skip, having logged it only via meteor scatter.

Channel 4 has nothing needed in the arc from WTAE-PA to WCBI-MS. Most wanted E skip targets are now WSB-2 GA and KYUS-3 MT and anything via double hop E skip from the Caribbean region. I'm actually surprised that a southern E skip opening has never linked up with a second hop to El Salvador or Venezuela, for instance on channels 2 or 3, because with only WEDU-3 FL, channel 3 is relatively clear.

I'm hoping to put up a 70' tower with separate VHF/UHF antennas and preamplifiers around October. At least some of the expensive projects which made this impossible are now out of the way.

I hope to have seen some of you in Dunkirk. Anybody who has room should consider a low, vertically mounted VHF antenna for E skip! Without that setup, at least WAGA-5, KALB-5, CBWFT7-2, and KFVR-5 would not have been logged with the high horizontal antenna. 7 tea trees.

(Frank, regarding your channel 20 with Home Shopping Spree - it would seem that it was either K20BU (KAKE-10) Russell KS or K20BR (KWTV- 9) Fargo OK. Does anyone know if either (or both) of these carry Home Shopping Spree overnight. Regarding K64DG, it was licensed January 31, 1991. fm)

Jim Pizzi, 814 Brookhill Drive, Paso Robles CA 93446 (805-238-5271)

PDT

Equipment:

Radio Shack VU-210 with rotor and preamp at work. Zenith 27" TV, Radio Shack 15-1712 V/U antenna and Winegard CP-8800 preamp at 13' agl at home.

May 1991				4 Es 1130				2 ND 1440				July 1991			
19 Es 1028	KMID	2 TX	1080	12 Es 0858	<u>KSWK</u>	3 KS	<u>1090</u>	1 Es 1200	KACV	2 TX	1060				
20 Es 0900	KOAA	5 CO	905		KDBC	4 TX	855		<u>KDFW</u>	4 TX	<u>1365</u>				
	0901	unid ch 5	WY		0900	KOAA	5 CO 905				1230	KENW	3 NM	975	
	0930	KLBY	4 KS 1085			<u>XEPMt</u>	2 CH				2 Es 1130	KGFE	2 ND	1440	
	1130	KCNC	4 CO 890		1029	KENW	3 NM 975					KOTA	3 SD	1090	
	1300	<u>KREG</u>	3 CO <u>775</u>		1300	KXMA	2 ND 1195				1133	KPRY	4 SD	<u>1230</u>	
		unid ch 2	PBS		14 Es 0900	KACV	2 TX 1060				1329	KREM	2 WA	845	
	1329	KACV	2 TX 1060			<u>KAMR</u>	4 TX <u>1055</u>				16 Es AM	chs 2-4	Mexico		
	1330	KSNW	3 KS 1285		0930	<u>KOB</u>	4 NM <u>800</u>				17 Es AM	chs 2,4	Mexico		
21 Es 1030	CKCK	2 SK	1305			<u>KNME</u>	5 NM <u>800</u>				18 Es 1130	KSNC	2 KS	1220	
24 Es 1226		unid ch 2	HSS		1030	XHIT	4 CH 980					KOAA	5 CO	905	
		(KKTO Santa Fe?)				<u>XHCHt</u>	2 CH				24 Es 0900	KMID	2 TX	1080	
28 Es 1530	KACV	2 TX	1060		15 Es 0900	KFDX	3 TX 1260				26 Es 0900	KLBY	4 KS	1085	
					24 Es 1230	KREM	2 WA 845					KSWK	3 KS	1090	
						1230-1400	unids 2-6 n					1028	+KAID	4 ID	610
<u>June 1991</u>							(No time to DX)					1030	KBCI	2 ID	610
3 Es 1045	CKKX	2 AB	1115		27 Es 1500	CBUT	2 BC 955					1032	KRTV	3 MT	955
	1100	KREM	2 WA 845		1530	KOMO	4 WA 835					1100	KXMA	2 ND	1195
4 Es 1027	<u>KFVR</u>	5 ND	<u>1275</u>		1547	KING	5 WA 835					1101	KXLY	4 WA	870
	1030	<u>KBME</u>	3 ND <u>1275</u>												

My first report this year - working two jobs now and don't have much time to DX. The openings I did catch didn't seem very intense - mostly short lived, but a few did make it into FM for awhile.

No tropo noted here. Occasionally hear San Francisco on FM (mostly 88.5) and tropo scatter on channel 44, but no enhancement to speak of - sure miss the long haul tropo! Fun to watch my former local and semi-locals (KENW-3 and KMID-2). Haven't seen Lubbock 5 yet. Til next time, 73s. Jim

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350)

CDT

Equipment: See July 1991 Western TV-DX

July 1991				4 Es 2020				5 Es 0715			
4 Es 2020	<u>CKCWt</u>	2 NB			2057	<u>CBHtt</u>	3 NS			WBRZ	2 LA 1002
	<u>CKLTt</u>	3 NB				<u>CBTt</u>	2 NS			KATC	3 LA 1034
										WWL	4 LA 1026

William Draeb (continued)

5 Es 0715	WLBT	3 MS	865	8 Es 0215	KXAS	5 TX	975	19 Es 2129	KGWlt	5 WY
0718	WDSU	6 LA	1026	0226	KRIS	6 TX	1285	2200	KRTV	3 MT
0737	KJAct	4 TX		1058	KBTX	3 TX	1079		KTVQt	2 MT
0920	KMOL	4 TX	1210	1100	WEDU	3 FL	1192	2302	KXLF	4 MT 1210
1000	KIII	3 TX	1285		WRBl	3 GA			KOUSt	4 MT
1930	KREG	3 CO	1075	1130	KJAC	4 TX	1050	20 Es 1703	WEDU	3 FL 1192
	KCNC	4 CO	952		KPRC	2 TX	1117		WESH	2 FL 1125
	KTVXt	4 UT		1315	KMOL	4 TX	1210		WJXTt	4 FL
	KUTVt	2 UT			KENSt	5 TX		1705	WUFTt	5 FL
1946	KWGNt	2 CO		2240	unids chs 2-4 w			1818	KOTAt	3 SD
	KTVS	3 CO	830	11 tr 2015	W40AN	40 MI	90	1822	KDUH	4 NE 767
1953	KOAAt	5 CO			(Escanaba	WLUK-11)		1830	KREG	3 CO 1075
1959	KRTV	3 MT	1155		(Formerly ch 72)			1900	KCNCt	4 CO
2000	KTVQt	2 MT		14 tr 0500	CBCE	16 ON	285		KUTVt	2 UT
	KFBbt	5 MT			W40AN	40 MI	95		KTWOt	2 WY
2008	KXLYt	4 WA			(w/ WLUK & WTTW)			1915	KCWct	4 WY
2032	KLEW	3(WA)	1436	18 Es 1730	KPRC	2 TX	1117	1920	KGWlt	5 WY
2045	KIDK	3 ID	1245	1754	WCBd	2 SC	914	1930	KLNEt	3 NE
6 ms 0608	CBFT	2 PQ	685		WJXT	4 FL	1030	2015	all gone	
Es 0705	WCBd	2 SC	914		WESH	2 FL	1125	21 Es 1900	WDIQt	2 AL
	WYFFt	4 SC			WPBTt	2 FL			unid channel 4	
	unid ch 4 west			1832	WEDUt	3 FL		2134	WBRZ	2 LA 1002
2115	unids chs 2-4 w			tr 2047	WCCO	4 MN	280	22 Es 0700	WDIQt	2 AL
7 tr 0523	W69AV	69 MI	95	19 Es 1730	KBMct	2 ND			WBRZt	2 LA
	(Leland	w/WHME-46)			KXMat	2 ND			unid channel 2+	
	(Normal	via W46AD)		1759	KPRYt	4 SD		0727	WFMY	2 NC 715
1037	W66BD	66 IN	260	1800	KAMD	4 TX	991		WCBd	2 SC 914
	(Fort Wayne	TBN)		1803	KACV	2 TX	991	0728	WCIVt	4 SC
Es 1128	KACVt	2 TX		1806	KATC	3 LA	1034	0729	WEDU	3 FL 1192
	KBTX	3 TX	1079	1811	KTVY	4 OK	820		WSAVt	3 GA
	KIII	3 TX	1285	1819	KENW	3 NM	1145	0800	KDFW	4 TX 957
	(Pg in Spanish)			2000	WEAR	3(AL)	955	1225	KCNC	4 CO 952
	KAMRt	4 TX		2030	KDUH	4 NE	767		unid channel 3	
1143	KPRCt	2 TX			(See Note)			1230	KACVt	2 TX
	unid channel 6			2100	KOTA	3 SD	780		KAMRt	4 TX
1157	KACBt	3 TX		2116	KWSE	4 ND	811	26 Es 0815	unid channel 2	
1631	chs 2-4 e Canada				KFBbt	5 MT			(No time to DX)	
1640	gone			2129	KCWC	4 WY	1065			
					KPRY	4 SD	620			

Note - KDUH-4 @ 2030 - Their own ID slide. Not joint ID with KOTA-3 as seen previously.

It looks like WSCO-14 is off for good. First noticed they were off on July 11th. In another bit of news, CBS Inc. purchased Midwest Communications Inc. which owns WCCO-4, WJMN-3, and WFRV-5 along with some radio stations, etc. What this means is that my local WFRV-5 will be changing network, going from ABC to CBS, as will WJMN-3. WLUC-6 and local WBAY-2 will also be changing, probably to ABC. One good thing which may result from this is that local WBAY-2 which is now on all night, five days a week, may give up that practice. I hope.

Yesterday (July 30), I noticed that local WPNE-38 was considerably weaker. Actually, they were just a little better than W57BJ (local translator) and snowy with an indoor antenna and CMA-Ub preamplifier. With my regular UHF setup, as I turned the dish toward Green Bay, channels 26 and 32 wiped them out completely!

I called the station to see what's going on. The girl I talked to said the station is operating at about half power (I would say it's considerably less) and that they are in the process of moving to a higher tower where they will be running more power than originally. The change is to be completed by mid August. 73, Bill

(The weekly addenda to Television Factbook has not even reported an application by WPNE-38 to change facilities! fm)

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549)

MDT

Equipment: See August 1991 Western TV-DX

July 1991

5 Es 0900	WRCB	3 TN	1117	5 Es 1020	WSB	2 GA	1202	11 gw 0800	KREG	3 CO	126
	WKRN	2 TN	1017	1022	WREG	3 TN	878	13 tr 0615	KSNK	8 NE	241
				6 Es 2000	CKVR	3 ON	1354	14 tr 0800	KRNE	12 NE	310

Doug Allen (continued)

15 tr 0500	<u>KWNB</u>	6 NE	<u>243</u>	15 tr 0542	KSNK	8 NE	241
14 tr 0801	KSTF	10 NE	221	0538	KRNE	12 NE	310
				0545	KPNEt	9 NE	

E skip uncommon this month despite several good openings spent mainly on FM and 144 MHz. KQVR on July 6th was my first Ontario.

Tom Bryant clued me in to KREG in Glenwood Springs. I thought it was very low power and hadn't even tried for it since improving my system. It turns out to be regular ground wave reception!

Tropo down from last year; nothing much past 300 miles though the Nebraska tropo on July 15th very strong with tentative KPNE-9 overriding line of sight Denver channel 9 for a short time!

Have been dissatisfied with UHF preamplifier, a very inexpensive, high gain Taiwan model. Imaging and overloading on the Denver high power stations made DXing north almost impossible. On July 17th, I replaced the EUV4 preamplifier with Antennacraft APU378 advertised as a high input model. Noise figure about the same, gain lower as advertised, and no overloading or imaging problems! Remember, always buy low noise figure, not high gain preamplifiers! Unfortunately, my rotor stopped working on July 18th so haven't had a chance to TV-DX since then. Now that out our unusual monsoon weather is finally over, I'll go up the tower and try to fix it! 73, Doug

Michael Parks, Route 1, Box 103, Amery WI 54001

CDT

Equipment:

Channel Master 1110 Quantum with Channel Master 0064C preamplifier and RG-11U at 28', Antennacraft P-7 with Winegard PA-4975 preamplifier and RG-11U at 33', Alliance HD-73 rotor, Winegard DA-8150 post-amplifier, Channel Master 7206 HI "Q" trap, and Zenith Z1920W 19" color TV.

May 1991

7 Es 1945 unids chs 2-4
 2100 KPRC 2 TX 1109
 19 Es 2100 KPRC 2 TX 1109
 21 tr 0005 WDAZ 8 ND 330
 Es 2309 KIII 3 TX 1261
 28 ts 2301 KELO 11 SD 247
 (See Note # 1)
 2305 Sioux Cy 4,14,27
 tr 2311 KLJB 18(IL) 298
 WQAZ 8 IL 298
 WHBF 4(IA) 281
 (See Note # 1)

2326 KIIN 12 IA 259
 29 tr 0022 K24CS 24 MN 166
 (Granite Fills STV-CNN)
 0034 K26DG 26 MN 166
 (Granite Fills STV)
 0035 K28BZ 28 MN 188
 (Marshall KELO-11)
 K30AC 30 MN 188
 (Marshall KSTP- 5)
 0038 K22DO 22 MN 166
 (Granite Fills STV-TNN)

29 tr 0039 K18DI 18 MN 166
 (Granite Fills STV-CBN)
K18CP 16 MN 166
 (Granite Fills STV-SCA)
 0041 K49AJt 49 MN
K51Alt 51 MN
 K57AE 57 MN 134
 (Olivia KTCA- 2)
K61AU 61 MN 166
 (Granite Fills WCCO- 4)
 0219 KTAJ 16 MO 416
 0456 WLUC 6 MI 223

June 1991

3 Es 0035 KBTX 3 TX 1047
 0041 KIIIt 3 TX
 0115 KPRC 2 TX 1109
 2226 KVBC 3 NV 1350
 6 aE 0139 CKRD 6 AB 1079
 0145 CFAC 2 AB 1081
 0146 CFRN 3 AB 1086
 0201 CKSA 2 AB 967
 10 aE 0109 &C--- 2 PQ
 (See Note # 2)

10 aE 0112 @CFRS 4 PQ 1031
 0138 @CKRD 6 AB 1079
 0200 CFAC 2 AB 1081
 12 aE 0155 CFAC 2 AB 1081
 0156 CKSA 2 AB 967
 tr 0159 KFME 13 ND 260

July 1991

5 Es 1358 unid channel 2
 (See Note #.3)
XEPMT 2 CH
 6 Es 2305 KENW 3 NM 1017
 8 Es 1358 KATC 3 LA 1062
 1400 KPRC 2 TX 1109
 15 Es 1735 unids chs 2, 3
 17 Es 0112 CFRN 3 AB 1086
 18 Es 1703 WBTV 3 NC 906
 1705 WFMV 2 NC 926
 1715 WSAZ 3 WV 702
 1725 WRAL 5 NC 984
 26 Es 2200 WTVY 4(FL)1062

Note # 1 - Severe thunderstorms in the Twin Cities knocked KARE-11 off the air just as meteorologist Paul Douglas was giving a severe thunderstorm warning for the metro area. Also knocked off at approximately the same time were WCCO-4, KTMA-23, KITT-29 and a few radio stations. KTMA-23 did not return to the air until 0600 or so the following morning. The absence of WCCO-4, coupled with lightning scatter enhanced tropo to the south finally allowed me to log much wanted WHBF-4.

Note # 2 - Running a Phillips test pattern identical to CBFT-2s except the top and bottom read "QUEBEC" and "RADIO-CANADA" rather than "MONTREAL" and "SRC/CBC". Perhaps a repeater of CBVT-11, Quebec?

Note # 3 - Spanish language station running ads mentioning San Antonio. One such ad included the phone number 740-8983, but no area code was given, suggesting a local call. I find it hard to believe it could have been, but could this have possibly been K02MX in San Antonio? I believe their erp is only 37 Watts.

Michael Parks (continued)

Not much DX this report due to both lack of time to watch and lack of a good antenna system. On June 13th, a lightning strike took out both preamplifiers, the rotor control box, and the TV. The TV has long since been repaired with only two ICs needing replacement, but the preamplifiers and rotor are proving to be more of a challenge. The circuit boards show no obvious damage so I believe them to be repairable, but just try finding a dealer who can repair them. I'm not entirely enthusiastic at the prospect of shipping them to their respective manufacturers for repair. Even if I were, Alliance, to my knowledge doesn't even make the HD-73 anymore. I may just get new ones and save myself a lot of hassles. Hopefully, if things go well, I'll have it all back up in a month or so - just in time for the height of the DX season to start coming to a close!

Thanks go to Danny Buntin and Glenn Hauser for their informative responses to my KSBI-52 inquiry. It was much appreciated. 73, Mike

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

Equipment:

VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Teknika 6510 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc preamplifier; Alliance rotor.

July 1991

19 tr 0827 K39CH 39 MN 185
(Redwood F11s KEL0-11)
0849 WTVP 47 IL 560
0851 K58AS 58 MN 185
(Redwood F11s STV-TNN)
0903 K17CS 17 MN 125
(Appleton TBS)
0906 WEEK 25 IL 560
0925 Olivia MN x1trs
0929 KXLT 47 MN 290
Es 1227 KNAZ 2 AZ 1120

19 Es 1814 (MUF 90.1 - TN)
1827 WKRG 5 AL 1215
2043 (MUF 107.7 - TN)
2156 WRAL 5 NC 1215
20 Es 1656 KETS 2 AR 890
1858 WMC 5 TN 885
1938 (MUF 89.5 - MS)
22 Es 1130 KTBS 3 LA 990
1159 KPRC 2 TX 1195
1258 WFMY 2 NC 1155
1659 (MUF 88.5 - DC)
1700 WMAR 2 MD 1135

August 1991

9 Es 0110 unid ch 6 HSS
0117 KTVI 2 MO 660
(MUF 89.5 >0127)
0129 KMOV 4 MO 665
unid ch 4 HSS
0145 WAGA 5 GA 1115
0200 WSIL 3 IL 755
0238 WTVF 5 TN 895
0257 WSB 2 GA 1115
11 tr 0045 K15DC 15 MN 125
(Appleton CBN)

The E skip of July 19th was quite good, opening up to Florida on double hop FM at least twice between 1800 and 1930.

Also nice was the overnight E skip of August 9th. I presumed this was auroral induced, but I haven't been following auroral conditions this year. I thought I could log needed KSDK-5 with both KTVI-2 and KMOV-4 in well, but no sign. Do they sign off early? Fortunately WTVF-5, which also has eluded me, was logged.

Jerry Stuart of Lawton, Oklahoma sent a clipping from the July 19, 1991 Lawton Constitution concerning the merger of Oklahoma City's two biggest independent television stations. Heritage Media, the owner of KAUT-43, has purchased KOKH-25 and has transferred the license for channel 43 to the Oklahoma Educational TV Authority. The new station was to have begun operation as "Fox 25" on August 15, and on that date, channel 43 was to have begun educational programming.

THEY GOT US COVERED...And they deserve our thanks. We'd like to acknowledge the following DXers for providing us with material for use on the VHF-UHF DIGEST cover in recent months:

JUNE V.U.D. COVER: Map courtesy Bruce Elving's extensive collection.

JULY V.U.D. COVER: (Top part) Art and layout by Robert Twomey.

AUGUST V.U.D. COVER: Promotional material supplied by James McIver.

THIS MONTH'S V.U.D. cover: Courtesy Lenny Goldberg, via KSOR 90.1

Thank you all for helping make the V.U.D. look good!

Television News

Doug Smith, Editor
14 Brookside Court
Nashville, TN 37209-4503

ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT=Height Above Average Terrain, in meters
nc= No change

APPLICATIONS FOR NEW TELEVISION STATIONS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City/Applicant</u>
FL	46	2385	277		Panama City Beach; Sunkissed Bcstg. Inc.

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>
MA	57	nc	306	WGBY-TV	Springfield
MD	62	3366	138	WFPT	Frederick
NC	25	1256	351	WUNK-TV	Greenville

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>
FL	22	11.2	62	WEYS	Key West
FL	46	3192	nc	WNPL-TV	Naples
MN	29	5000	373	KITN	Minneapolis
VT	28	274	429	WVER	Rutland
WA	5	nc	356	KING-TV	Seattle
WI	48	60	98	WEUX	Chippewa Falls

APPLICATIONS TO CHANGE EXISTING STATIONS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>
CO	53	5000	193	KWHD	Castle Rock
MN	10	316	301	WDIO-TV	Duluth
MS	30	1600	187	WGBC	Meridian

CHANGES GRANTED TO EXISTING STATIONS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>
AR	51	79.4	145	KFAA	Rogers
NC	42	2750	390	WTVI	Charlotte
PR	12	275	665	WOLE-TV	Aguadilla

CALL LETTERS ASSIGNED TO NEW STATIONS

<u>St</u>	<u>Ch</u>	<u>Call</u>	<u>City</u>
CA		KLXO	El Centro
MI		WYYC	Battle Creek

CALL LETTER CHANGES FOR EXISTING STATIONS

<u>St</u>	<u>Ch</u>	<u>New Calls</u>	<u>Old Calls</u>	<u>City</u>
SD	12	KTTM	KIID-TV	Huron

ADDITIONS TO THE TABLE OF CHANNEL ASSIGNMENTS

<u>St</u>	<u>Ch</u>	<u>City</u>
CA	23	Ceres
CO	47	Alamosa
MI	45	Vanderbilt

(Note: Channel 23 was deleted from Modesto and moved to Ceres)

OTHER STUFF

The Commission has adopted a set of "rebuttable presumptions" for use when considering applications for "satellite" stations. Previously, such applications were handled on a case-by-case basis.

KQEC-TV San Francisco has been given an extension on its life; it'll be required to cease operation by midnight August 30. This is the station that lost its license over unauthorized "silent periods" taken to save money.

FORUM

It's going to be hard to fill Bill Fahber's shoes in running this column. But I'll give it my best shot.. Contributions on technical & legal issues involving TV are appreciated. So are suggestions for changes in the column. I can be reached by mail at the address at the top of the column; by phone (615-356-8305, noon to midnight); by Compuserve (72777,3143); or via ham packet radio @W4HHY.TN.

Just a few short local notes.. WJFB-66 has been off since March. The LPTVs (10 and 61) that had relayed them stayed on for about a week longer with ID color bars (including an ID for WJFB) then went off too. I don't expect this one to come back.

I've been seeing a Channel America on 27. Too weak to read the IDs, but watching the CHA satellite feed straight off the bird shows this to be W27AN Murfreesboro.

E-mail from my former boss in Wisconsin indicates that W33AX Madison is now on the air with TBN. The transmitter is on Springfield Hill, about 15 miles NW of Madison.



FM NEWS

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U.S.A.

Contributions earnestly solicited!

Selectivity Improvements, Readers' Critiques and: Yes, Virginia, There is Such a Thing as "Lame" Radio!

"The sky is falling! The sky is falling! Long live the club!" implores Gus Mancuso. "Am not going to contribute if you persist in trying to make me look stupid. I wrote in. You printed one sentence out of context making statement sound unclear. I wrote to you telling you about it. One of the things I wrote was, 'it was sitting alone like a U.F.O.' . . . You quoted out of context. It means the sentence you printed was sitting alone like a U.F.O. You then quoted me as saying 'it was sitting alone like a U.F.O.'; that is, you did it again. The sentence 'it was . . . U.F.O.' was sitting like a [nother] U.F.O. Then you did it a third time! That was by quoting out of context my statement that frequency changes are more important than minor tower/power changes. You conveniently left out the gist of the matter—that I was telling you to list frequency changes apart from power boosts. Hey, I'm doing you a favor by sending info. You're not doing me a favor by reading it. Extraneous print on envelope [about sky is falling] refers to enclosed Washington Post Article. . . New handle 96.1 VA [Cape Charles] 'Touch FM'," now WMYA. The "sky falling" allusion is to a plan by which FM-like quality would come to consumers via satellite, World-Space, which is set to take off initially over Africa. To hear it you'd presumably need a three meter dish on a flatbed truck. I know that won't stop DXers; maybe they'll use two dishes and phase cancel the satellite signals as they romp around the freeways. Attending the WTFDA confab puts me in a mood like this. "AM Happenings Caused," continues Gus "—WMAL 630 now calling itself news 630, although there has been no increase in news. How do you get new station info? From FCC?" [Yes, from an expensive messenger service, known as Fair Press Services. Right now I owe them \$182.76 for July expenses—\$31 subscription costs, plus postage and photocopy expenses of texts and releases. Information which used to be free costs users now under the Nixon, Reagan and Bush administrations. Since I don't get paid by the WTFDA, anybody willing to send a check to help underwrite this information service is welcome to contribute. Donations accepted at my address, printed above. Of course, I also appreciate information sent by readers. I do not publish a column deadline, since info is constantly added to my database, which includes the "FM Atlas" and FMedia! newsletter, although this column's tends to be the day the previous month's VUD arrives in the mail. That way, I can print the "See Also" feature culled from the last month's issue.] "You've been listing WICO-FM as being moved to 97.5 (to allow new station in Cambridge MD to use 94.3 because they would be too close to 97.7 Lexington Park). It has not moved yet, though it could be soon as schools (94.3) have been assigned (WFBR)." His "Superband-Scan II" from South Hill VA enabled DXing 211 stations, including a bunch of station changes for the "FM Atlas." He heard 11 states with the longest trop

WLTV 106.7 New York. "On the WXIE move from 92.1 to 92.3—I'm told the 'M Street Journal' missed that one, too."

A note from Philip Michael Martin: "You continue to do a great disservice to radio and especially the physically challenged by using the term 'lame' to describe (usually) soft adult contemporary stations. The connotation that it's music for the 'lame'—those who could only sit and enjoy it, not get up and dance like a tee nager, is unacceptable. As a physically challenged person I am deeply offended every time you use that term and that was the major factor in not renewing my subscription to FMedia!" [I reject that argument as invalid (pun intended), as I feel that, although subjective, it can describe certain radio formats—mostly "adult contemporary," which are copied endlessly from market to market and often by multiple stations in the same market. They are not distinctive to DX and, whether you like to get up and dance or not, they are there like, as Gus would say, "U.F.O.s," occupying FM frequencies at low cost to program—often programmed by consultants—and resulting in an FM dial clogged by multiple stations, often without sign offs. Such sound-alike outlets might better serve listeners and certainly DXers by not being on the air at all. I am sure a good many are marginal operations, and will not last. A check of FMedia's "Off Air or Not Yet On" shows each month a bunch of FMers not staying on the air. The notion that using the word "lame" is a disservice to handicapped individuals was considered when Ernie Cooper first brought it up over a year ago. To accuse a radio station of being "lame" is, instead, kind of cute, and credit goes to Bill Nienajadly for inventing it. It no more shows offense to handicapped individuals than calling something a "left handed compliment" knocks persons who are left-handed, or by referring to a "black mark on one's record" as being against blacks. Bill and I discussed this concern of Martin's, and he agreed when I told him of the response I would have to the charge that "lame" disparages handicapped individuals. Lighten up, Philin!]

The latest catalog of airchecks, No. 11 is ready. "And it may be the last. Sales are down despite my prices being in the \$5-\$6.50 range and other companies (there are twice as many as when I started in '86) having \$7-\$9 prices. I have been trying to find someone to buy me out for six months with no luck. Please mention to your readers that a catalog is available for just a 4-cent stamp (have plenty of pre-printed 25-cent envelopes left)." Write Philip Michael Martin at PO Box 568, East Hanover NJ 07936. His tapes seem to be mostly of rock stations, such as the New York City "air wars" and the 2-90 Gary Bryan's "Screw the Zoo" campaign on WPLJ, and if you can tolerate it, Howard Stern. His 4-cents' catalog fills four sheets, eight pages.

I wrote to Nick Lombardi and mentioned how I nearly drowned in an area lake, trying to swim out to my daughter on a raft, far away from the roped-off swimming area. It took two lifeguards to bring me safely

to shallower water. Nick said: "Your lake incident must have been scary. My mother used to be a Red Cross swimming instructor, and I spent quite a lot of time at the local pool and various beaches off the coasts of Virginia, North Carolina and Florida. . . I learned early on that it's all in the breathing: if you ever get tired, try to stay calm and take a deep breath and you will float." [I tried that and find that I cannot float; maybe I don't stay calm enough!] "I assume you will keep the special 'hobby' rate for FMedia! when regular rates go up. And you need to show it on a separate sheet of paper, not on the same renewal form you send your professional readers. And with your special 'VUD' introductory rate, you've really created a hodgepodge: Want to get FMedia? Well, let's see, my rates are \$18, \$25, \$45 and \$65. And I may have another Blue Light Special next month." Nick sent an "indoor antenna survey" from the "Absolute Sound" of July, August, 1991. None seem impressive, compared to the massive rigs many FM DXers use, with one of them, the AudioPrism APPA-8500 listing at \$450! "On the basis of performance alone, I did not find the APPA-8500 to warrant its cost," writes the reviewer. The article even refers to use of antennas for phasing, mentioning Richard Modafferi's article, "Kill FM Interference with Two antennas," Audio, January, 1980.

Lenny Goldberg sent station news from OR. "I wasn't going to bother writing all this to you as I felt it was all rather minor, but today I noticed the exclamation mark on the end of 'contributions earnestly solicited', and it motivated me to write." He heard the new KGAL-FM 102.3 Brownsville OR coming in on his local Family Radio translators on 107.1, 103.9 and 106.3. "The next morning I called KGAL and they had only recently gone on FM with a rather weak signal. They told me I was experiencing E-skip, but couldn't explain why it was on those three frequencies. I guess the antenna that was receiving Family Radio from Ukiah CA got blown 180°. . . Eventually, the correct station faded back in. The engineer at KGAL sounded pretty worried about it, once he started to believe my story I was picking them up in Ashland. I don't count how many stations I've received, like many DXers do. But I'm curious—if I did count, would picking up KGAL in this manner count as three, one or not at all?" [I would count only the translator itself as one station, or three, if you DXed three separate translator frequencies—b.e.] Another strange item is that KROG 105.1 Phoenix OR came on the air early this year in mono, simulcasting KDOV an AM. "It was only on a couple of weeks and I understand that KDOV didn't want to pay the asking price to rent the transmitter. I noticed that you had it listed as soon to be stereo, but it's been off the air and I haven't even heard them testing. How can someone just hold onto and control a frequency like that?"

John Jefferson confirms that KKJZ *88.9 Sacramento is in stereo, largely jazz and news, while co-owned KXPR *90.9 is classical and news. He sent news of FM in AB, from which he got skip, and NE. "Do we have to have KTNE-FM Alliance and KTSN-FM Reliance SD both on 91.1? Due to the similarity of calls and city name, didn't realize they were a new logging for several hours after the fact," and he got a couple ten-watt translators skipping out.

Two readers, including member Robert Baker, sent an item from the 8-4-91 "New York Times," about all the new FM stations coming on the air creating interference. The article by Hans Fantel shows no recognition of selectivity improvements which can be done to FM tuners, and which this club has pioneered. It recommends the Onkyo Integra T-9090II at \$750 list, Yamaha's TX-2000 at \$749 and Harman Kardon's Citation 23 tuner at \$699 with its "Active Tracking" circuit as being best in sorting out stations interfering at "alternate channels."

On air says Mike Cherry: IRIE-FM 107.1 Jamaica's Montego Bay translator. It had been off because of converting to full solar power, now 7.5 kw. Solar panels were having problems with too much heat! KZAZ *91.7 Bellingham WA was to have been testing, but so far nothing heard. Mike mentions Nathan B. Stubblefield's claim to have perfected wireless before Marconi, and you can read more in the Aug. (1991) issue of "Popular Communications." Mike hopes to take another "DXers holiday up Vancouver Island in a few weeks and hope that tropo conditions will be usual there—ideal. Hopefully Alaska, the one state that has always eluded me on FM, then TV and now 6 meters will show up sometime. The fact that I received a 960-km tropo reception of CJFW 103.1 Terrace BC (which isn't too far from the AK border) last summer from Comox-Courtenay BC (180 km north of here) may make such a feat possible."

Greg Hardison sent word from Mexico and his DXing in Guadalajara, discovering the new XHLA 89.1, \$, jm, all announcing in Spanish. This leaves only 88.3 open in that city, and all other stations were as shown in the current "FM Atlas." He got a good view of the eclipse from San Blas NAY, with the only FM heard being the 97.7 one in Tepic. "The area along the Jalisco/Nayarit border should be an FM DXer's paradise—no locals on the dial between Guadalajara and Tepic, with plenty of rolling hills in between. . . Keep up the great work! Also a quick local note: KODJ 93.1 now KCBS-FM; no changes in format or air personalities."

Doug Allen sent an antenna my way, and he commented on the FM tuner he modified, which I later added SCS to. It had 150 kHz filters in it, which I suspected. And KKKI 102.5 Goodland KS is indeed stereo.

I will have to order a new tuner soon, as I sold my Magnum Dynalab on the trip going to the convention. I also sold a Pro-2006 Radio Shack scanner to which FM/SCS was added (a Christmas present from Carol), so I have no quality equipment for listening or DXing on. At the convention, I took in trade from Tom De Pauw a Fisher 500TX receiver to match a 500TX that I have owned since 1969—something more for John Ebeling to repair! It was great seeing all those who made it to the convention, and coming back I met Jerry Beaudin in Uppur MI, who told me there are "good" and "bad" 180 kHz Murata filters. The "good" filters are known as SFT 10.7 MS3-A. We exulted in watching far away UHF on his 2.13 m dish, getting stations in Chicago, Milwaukee and Springfield IL (from his best direction). I especially enjoyed watching low-power channel 57, Green Bay WI with the Three Angels Broadcasting Network; (800) 752-3226 for more information. Also saw Paul Petosky, who said he sold his DXing tower and

antennas to Bill Draeb in WI, when Paul and his first wife died.

Bill Fait, in the Cleveland OH area, has a mystery. "Do you show a construction permit for 94.3 FM near Cleveland, Detroit or Ontario? Aug. 12, on 94.3 there was rock music in stereo with silent open carrier between musical selections. I had it on the stereo for five hours and there was no station identification and no commercials, so it may have been an equipment test for a new station." [No likely new station shows on my list; I wonder if this might have been a local pirate?]

Now to news that only partially filled my August FMedia! Look also for "See Also."

New FM Station Grants

AL Millbrook 97.1 3000 h.v.; 100 m
AL Orange Beach 107.5 3000 h.v.; 100 m
CA Big Pine 93.3 50000 h.v.; 150 m
CA Groveland (21 km SE Sonoma) *91.7 6900 h.v.; 313 m, CA State U—Sacramento
CO Pueblo 104.5 100000 h.v.; 299 m, P. Bcstrs. (KAFA *104.5 Colo. Spns. to delete?)
FL Vero Beach 99.7 50000 h.v.; 91 m, Vero FM
FL West Palm Beach *88.1 50000 h.v.; 127 m, SW
FL Community Radio [Lumpkin, Inc.]
GA Lumpkin 99.3 50000 h.v.; 150 m, R./
GA Montezuma 92.5 6000 h.v., 48 m (no vertical)
GA Sylva 106.5 6000 h.v.; 100 m
GA Valdosta 107.7 3000 h.v.; 74 m
ID Idaho Falls 105.5 100000 h.v.; 299 m
IN West Lafayette 106.7 3000 h.v.; 100 m
ME North Windham 106.7 3000 h.v.; 100 m
MI Marquette 92.5 3000 h.v.; 100 m
MS Port Gibson 100.5 3000 h.v.; 100 m
MO Columbia 93.9 3000 h.v.; 100 m
NH Hampton 102.1 3000 h.v.; 100 m
NJ Montague (in extreme NW NJ) WSUS-1 102.3 55 w (h) booster of Franklin station—"input signal via local cable TV system"
-NY Jeffersonville 106.1 1600 h.v.; 191 m
NY Mechanicville 104.5 3000 h.v.; 76 m
OH Englewood 94.5 3000 h.v.; 100 m
PA Scranton WUSR *99.5 300 h.v.; 309 m
TN Ripley 94.1 3000 h.v.; 100 m
TN Woodbury 102.3 3000 h.v.; 100 m
TX Chardola 104.3 6000 h.v.; 100 m
TX Laredo 106.1 3000 h.v.; 58 m
VA Roanoke 105.3 3000 h.v.; 23 m
BC Pemberton CKRW-6 106.7 140 h.v.; 16 m
ON Ottawa 103.3 80000 h.v.; \$, Rawlco Communications (approved Nov. '89, but only now was the frequency assigned) [Society
SA Saskatoon 90.5 180 h.v.; Community R.]

Call Letters Assigned or Changed

AL Attalla 102.9 WKXX
AL Rogersville 93.9 WFX
AZ Tucson 107.5 KCRZ (from KYUD)
AR Little Rock 99.5 KLVV
CA Camarillo 95.9 KELF (KZTR-FM), Spanish, I, being leased by CQAQ 104.7 Oxnarc CA
CA Coachella 93.7 KCLB-FM (KCHV)
CA Colusa 107.5 KPPL (KTMX)
CA Los Banos 106.9 KQLB
CA Oceanside 102.1 KIOZ (KAGM)
CA Ventura 107.1 KAXX (KAGR)
DE Dover *91.7 WRTX
FL Bonita Springs 96.1 WRXK—"FM" (WRXK-FM; AM in North Fort Myers gets new calls)
FL Marianna 94.1 WSEJ
FL Trenton Springs *88.9 WYFE (WFCE)

GA Harlem 95.1 WHEY
GA Hinesville 104.7 WSEU
IL Chicago 93.1 WXRT (WXRT-FM)
IL Monticello 105.5 WCZQ (WVLI), k, "Q-106"
IN Napanee 95.7 WLXK (WXJG)
IA Fairfield *90.5 KHOE
KY Cumberland 102.7 WSEH
KY Madisonville 106.9 WTTL-FM
KY Reidland 106.7 WSEU
KY Valley Station 105.9 WVSL
LA Brusly 96.3 KRVE (KIEZ)
LA Monroe *89.3 KYFL
LA Vidalia 104.7 KPXQ
ME Kennebunk 99.3 WJIB (V/KME)
MA Webster 98.9 WSGQ
MA West Yarmouth 94.9 WOCB-FM (WJIB)
MI Kalkaska 97.5 WKLT—"FM" (WKLT-FM)
MS Artesia 100.1 WJWF-FM (WZIX), g, leased by WMBC 103.1
MS Natchez 97.3 WRHG
MO Carthage 97.9 KRKM (KMXL); KMXL remain the calls for Webb City 95.1, "Mix"
MO Halfway 93.1 KYOO-FM (AM is in Bolivar)
MO Palmyra 97.9 KICK—"FM" (KICK-FM; AM in Springfield gets new calls) [Country]
NV Reno 104.5 KHIT-FM (KIIQ-FM); "Hit"
NH Farmington 106.5 WRHF
NY Corinth 93.5 WZZM-FM (WZZM; TV is in Grand Rapids MI), mr
NY Kingston *91.7 WRHE
NY Peru *88.3 WXLU
NC Elizabeth City 93.7 WKOC (WMYK), "Coast 93.7," "The station's former s(r) format has been picked up by WMYA 96.1 Cape Charles/Norfolk and is being simulcast on co-owned WMYK 92.1 Moyock NC-Norfolk VA."
NC Hamlet 104.3 WJSG (WSJG) [that WTRZ]
NC Moyock 92.1 WMYK (WOFM; before)
OK Cordell 99.3 KCDL (KRMK)
SC Cayce 96.7 WHKZ (WYYS), [country]
SC Johnsonville 105.1 WRHA
SC St. George 107.5 WBUB (WKQB)
TN Dresden 95.1 WJZK
TX Fort Worth 107.5 KCDU (KMEZ), op, "CD-107.5," "classic rock without the metal"
TX Huntsville 103.5 KVST (KTDD)
TX Johnson City 107.9 KFAN-FM (KFAN); AM is in Minneapolis MN
TX Robstown 99.9 KSAB (KROB-FM)
UT South Ogden 106.3 K292D (not K292D, which is in Kachemak City AK)
VA Lynchburg 100.1 WLYK (WKZZ)
VA Petersburg 100.3 WSVV
WI Racine 100.7 WKVV-FM (WBZN-FM), "V-100" (from "B-100")
WY Laramie 107.1 K296B0 (from K296AA)

UT Centerville K8CK 105.7 7300 h.v.; 1116 m
VA Pulaski WPSK 107.1 1800 h.v.; 368 m, C3
WI Brillion WEZR 107.5 from 96.3
WI Suring WRVM 102.7 299 m (100000 h.v.)

Stereo—Or to be Stereo

AL Florence WXXF 96.1
AL Winfield WKXM 105.9, "Gold 106 FM"
FL Vero Beach WSCF *91.9
GA Ashburn WPMF 105.7
ID McCall KBSS *91.7, with a talking subcarrier
KY Cynthiana WCYN-FM 102.3
LA Basile KBZ 102.1 [ing, "Q-96"]
MI De Witt WQHH 96.5, rm, ID with Lant-
NM Las Vegas KBAC 98.1
NY Hoosick Falls WNGM 97.5
NY Voorheesville WCDA 96.3
PA Radnor Township WYBF *89.1
PA Villanova WXXV *89.1
TN Lawrenceburg WLX 97.5
TN Loudon WXST 105.3
TN Rockwood WOFE-FM 105.7, k
TX Daingerfield KWSK 106.5, o, ID with
Pittsburg-Mount Pleasant [KTKX]
TX New Boston KTKX 103.5, k, "Kicks 103.5,"
TX San Angelo KKLK 101.9, KLK (strict)
WY Burns KMUS-FM 101.9, still "K-Moose"

Monophonic

CA Merced KOAT 106.3—actually no format. Remove stereo listing and music, as is off the air "apparently for good. I'm told the owner pulled the plug when the losses kept rolling in month after month." [temporary
FL Fort Myers WHEW 101.9, but assumed/
MI Auburn WMAK *89.5, pr
NJ Trenton WJNT-FM *88.1, still monophonic
OH Mansfield WYTN *91.7—the only Family FM station known to be mono

See Also August VUD For

AL Reform WTID 101.7 101.7 The Tide, Fela, p. 13 [er, p. 15
AR Ashdown KARQ 92.1 Country 92, Coop-
CO Walsenburg KSPK 102.3 K-102 Country, Cherry, p. 20
FL Dunnellon WTRS-FM 102.3 ID with Ocala and Gainesville, Coniglio, p. 26
FL Lake City WNF 94.3 rm, Nieman, p. 15
FL Monticello WJPH 101.9 stereo, o, "Sunny 101," Coniglio, p. 26
FL Orlando WMOO 98.9 98.9, Laun, p. 33
FL Panama City Beach WPCF-FM 100.1 FM-100, Fela, p. 13
FL Punta Gorda WOLM 92.9 Lite 93
ID Caldwell KHEZ 103.3 EZ-103, Cherry, p. 20
IN Bicknell WUZR 105.7 stereo, o, ID with Vincennes, "Hoosier 105.7," Strobel, p. 18
IN (not OH) Bluffton WNUY 100.1, Hall, p. 20
IN Earl Park WIBN 98.1 r, ID with Oxford, Strobel, p. 18 [p. 18
IN Fort Branch WBGW 101.5 stereo, Strobel, p. 18
IN Ligonier WLN 102.7 stereo, Strobel, p. 18
IN Syracuse WAWC 103.5 stereo, Strobel, p. 18
KS Ogden KOLA 103.9 Q-104, Allen, p. 31
KS Wichita *90.7 2-Gam calls now KZZD (ex-KGAM), Coniglio, p. 26 [p. 18
KY Liberty WKDF-FM 98.7 k, stereo, Strobel, KY Paris VCOZ 96.9 Kiss FM (from "Cozy 96.9 FM"), Greene, p. 13
MI Port Huron WORW *91.9 still mono, Coniglio, p. 26
MI Saginaw WGER 106.3 mr, Coniglio, p. 26. On the way from the convention I heard its calls, but didn't stick around to hear its music.
MS Collins WKZN 101.7 2-101 (from "101 KNZ"), Laun, p. 33
MO Tarkio KTRX 93.5 back to mono? It was stereo in 1990. Sittel, p. 27.
MT Kalispell KOFI-FM 103.9 Coffee 104.1 (from "K-104"), Cherry, p. 20
NV Las Vegas KOMP 92.3 The Rock of Las Vegas (from "Comp 92.3"), Ebeling, p. 21
NH Winchester WKBK-FM 98.7 apparent ID with

Facilities Changes Granted (Selected)

AR Berryville KSCC 107.1 3600 h.v.; 191 m, C3
CA Barstow KDCU 94.3 4600 h.v.; 239 m
CA Shingletown KRKQ 105.3 (move from Chester—in direction of Redding CA)
IA Forest City KIOV 107.3 (from 102.3) 50000 h.v.; 150 m
KY Lexington KDM 105.7 (from 96.3)
KY Glasgow WWWW 105.3 (from 105.5), C3
MS Byhalia WHE 94.9 (city of license change from Holly Springs)
MS Clarksdale WWUN 101.7 6000 h.v. (56 m)
MO Columbia KARO 101.5 (from 101.7) 20000 h.v.; 184 m, C2
NY Ballston Spa WQQY 102.3 4100 h.v.; 118 m
ND Valley City KOVC-FM 101.1 (from 100.9) 11900 h.v.; 305 m
OR Corvallis KEJO 101.5 342 m (100000 h.v.)
PA Boalsburg WVVC 93.7 (from 92.9)
SC Columbia WQMG-FM 103.1 3300 h.v. (91 m)
SC Orangeburg WKSO 103.9 9200 h.v.; 162 m, C3 [new] 105.7 6000 h.v.; 72 m
TX Amarillo/ [50000 h.v.; 150 m
TX Brenham KWHI-FM 106.1 (from 106.3/]

Keene, mono, Nollman, p. 24
 NJ Hacktstown WNTI 91.9 mono for good, or only mono for one program? Coniglio, p. 25
 NM Artesia KTZA 92.9 Star 93 (from "Star-Station"), now believed to be k, not o, Sundius, p. 29
 NM La Luz KPFA-FM 92.7 r, Sundius, p. 30
 NY Canandaigua WJKA 102.3 jr, Nieman, p. 15
 NY Corning WBCA-FM 98.7 m, Nieman, p. 14
 NY Newburgh WGNV 103.1 r, Cooper, p. 15
 NY Rochester WKLV 98.9 37000 h,v; 172 m facilities, Falconer, p. 2
 NY Sag Harbor WLNG-FM 92.1 still mono, "Oldies 92," George, p. 10 [14
 NY St. Bonaventure WBSU 88.3 rp, Nieman, p./
 OH Delaware WCEZ 107.9 \$, b, "EZ-108," Strobel, p. 18 [p. 18
 OH Nelsonville WSEB 107.7 stereo, r, Strobel/ OH Toledo WXUT 88.3 stereo, Strobel, p. 18
 OH Moore KMSI 88.1 stereo, Nieman, p. 15
 OR Baker City KCMC 104.7 Country 104.7 (from "FM 104"), Cherry, p. 20
 TX Abilene KGNZ 88.1 ID with San Antonio-Snyder, Strobel, p. 18
 TX Austin 98.1 calls now KVET-FM, Sittel, p. 27
 TX Big Spring KBST 95.3 isn't it now country? "K-Best 95," Strobel, p. 19
 TX Corpus Christi KFGG 88.7 is stereo? Cherry, p. 20 [p. 32
 TX Rockport KPCB 102.3 K-Play, Howington/ WI Watertown WJJO 94.1 is the location for this station—Sittel, p. 27
 ON Ottawa 100.3 in stereo, "Rawlco Communications," Nieman, p. 15; format, call? NL Monterrey XHXL 91.7 new facilities 100000 h,v (-75 m), Dunne, p. 30
 XHQX 93.3 \$, kl (ranchers), Dunne, p. 30
 XHMF 104.5 \$, l, Dunne, p. 30 [30, new
 TA Tampico \$, l, tm 67 kHz SCS, Dunne, p./

Format Changes

Formats are the same as in the "FM Atlas"

AL Atmore WYDH 105.9 m
 AZ Phoenix KPSN 96.9 m, "Sunny"
 AZ Tusayan KSGC 92.1 m
 AR Beebe KPIK 101.5 m
 AR Booneville KEZU 104.7 b, "EZ-105"
 CA Barstow KXXZ 95.9 o, "96 Kix" (from "Kicks 96 FM")
 CA Sacramento KXJZ 88.9 jt
 CO Brush KSIR 107.1 k
 CO Durango KIQX 101.3 m. "We are still adult contemporary—whatever that means!"
 CO Lamar KSEC 93.3 k
 DE Milford WXPZ 101.3 gr
 FL Clearwater WMTX-FM 95.7 m, "Mix"
 FL Mayo WGSF 89.5 o, "Southern Gospel"
 FL Miami WLRN-FM 91.3 cj
 FL Port Charlotte WEEJ 100.1 r, "rock/AC"
 FL St. Augustine WUVU 97.9 (moving from 97.7) b
 GA Adel WDDQ 92.1 t, all ads, exclusively for motorists along I-75, and so far only advertising motels, restaurants and clothing stores owned by John L. Williams, licensee. Legal according to FCC rules, but Preston Green, owner of a furniture store, says: "I feel like we have lost a valuable asset in our community by losing our FM radio station." Albany, Valdosta and Tifton stations report no increase in listeners or ad revenues from Adel.
 GA Douglas WDMG-FM 95.5 r, "The Heat" (from "Magic 95")
 GA Glennville WKIG-FM 106.3 m
 GA Wrens WAKB-FM 96.7 sr [subcarrier]
 ID Twin Falls KBWS 91.7 cj, "mono with no/ ID Arlington Heights WCBR-FM 92.7 p
 IN Anderson WXXP 97.9 m, "Experience 98"
 IA Ankeny KMXD 106.3 b
 IA Des Moines 107.5 no format; "rt" was to have been on Sorenson's station, which grant was reversed by the FCC. Channel awarded to gay

activist Rich Eychaner, facilities to 150 m (50000 h,v). "While Sorenson has lived in Des Moines longer than Eychaner, the FCC gave Eychaner the edge in civic activities."

IA Pella KOMG 103.3 p. "I've heard tapes of the station, and they are very close to what KRCY San Francisco was doing in 1986-87."

KY Carrollton WIKI 100.1 o, SMN Pure MD Towson WTDW 89.7 cj, classical/new age.

"Not listed in phone book; downtown storefront office vacant."

MA Brockton WCAV 97.7 k
 MI Lexington WBTI 96.9 r, "B-96.9"
 MS Winona WONA-FM 96.7 k

MT Helena KBLL-FM 99.5 k
 NJ Millville WBSS 97.3 r, ID with Wildwood-Atlantic City (no longer with Vineland), still "Boss 97"

NM Artesia KTZA 92.9 k
 NY Sodas WNNR 103.5 r, \$
 NC Newport WKOT 103.3 r, "Cat"

OH Mansfield WVNO 106.1 r, "106-VNO"
 OK Sand Springs-Tulsa KTOW-FM 102.3 s; AM was p, but not the FM. "There are now two formats in Tulsa, the other being KBLK AM."

OR Baker City KKBC 95.3 k
 OR Harbeck-Fruitdale KAJO-FM 98.3 m
 OR Medford KOPE 103.5 nt, news/talk, mono

PA Allentown WAEB-FM 104.3 r, ID with Easton-Bethlehem-Phillipsburg; drops "Laser 104.1," using calls now

PA Erie WMCE 88.5 rp
 PA Greensburg WSSZ 107.1 op, classic rock
 PA Grove City WRKU-FM 95.1 r, "95 K-Rock"

(from "The Wolf," no longer simulcasting WNCN 106.1 Niles OH)
 PA Pittsburgh WVTY 96.1 m

PA Sellersburg WKHL-FM 95.5 r
 TN Humboldt WZDD 102.3 o, SMN Kool
 TN Johnson City WQUT 101.5 r, dropping

"QUT" nonID [99] not strict
 TN Brownwood KPSM 99.3 m, "Magic"
 TX Hooks KLLI 95.9 o, "Oldies 96" (from "Kelly 96")

TX Mount Pleasant KPXI 100.7 r, still "X-100"
 TX San Antonio KSRR 92.9 m, "Star 93" not strict

TX Uvalde KKXS 102.3 k, "Kix"
 UT Brigham City KSOS 106.9 o
 WA Medical Lake KAAR 95.3 gr

WA Pullman KRLF 88.1 gr
 WV Kingwood WFSP-FM 107.9 r, "AC-oldies"
 WI Trempealeau WKBH-FM 105.5 op

ON Toronto CJEZ 97.3 m, "soft AC"
 PE Charlottetown CHLQ 93.1 CRDC denied change from country to pop and soft rock, with the country to have moved to CFYC

PQ Cap-aux-Meules CFIM 92.7 given a renewal only to Aug. 31, 1993

On Air (Selected)

AL Tuscaloosa WUGV 92.9 (from 92.7)
 NE Bassett KMNE-FM 90.3 [NPR
 NE North Platte KPNE-FM 91.7, both with/ PQ Quebec CHOI 96.9, but CRDC nixes management agreement with its former AM, CHRC

Off Air or Not Yet On

AZ Phoenix 89.5, two shareholders, but Maricopa County Community College and AZ Board of Regents working on a joint license.

AR States KZHE 100.5, still on 100.1
 OK Broken Bow KKB1 106.1, still on 106.3
 TX San Angelo KBIL-FM 92.9

KTEO-FM 93.9, "storefront office vacant," but being sold to Criswell of Dallas

Deletions

CA Big Pine K288CV 93.5 (see "New," above)
 CO Colorado Springs ultimately KAFA 104.5 (because of new Pueblo grant)

IL Blue Island WRB1 94.3, in 1948. "I bought this station and it was profitable, but was not

told there was a mortgage on the equipment. Andrew Corp. wanted to foreclose to get its antenna back, so I walked away from it. The people who sold me the station were very dishonest."

MN Sleepy Eye KSEB 107.3, "construction permit cancelled and call sign deleted"

PQ Baie-Comeau CKDO 92.5, "after unsuccessful efforts to establish the FM"; continuing service on CHL 580 AM.

SCS Services + TV-SAP (Selected)

Symbols are as in the "FM Atlas"

CA Berkeley KPFA 94.1: "Your July, 1991, issue correctly assumes that KPFA kept their reading service for the blind at 67 kHz," but adds 1X, 92 kHz, Interactive Network, Inc.

CA Los Angeles KBIG 104.3 1E, 92, Japanese music (retains 1X, 67) [1R, 92]
 CA Modesto KBEE 103.3 1X, 67 (not 1M)/
 CA Sacramento KQPT 100.5 1X, 92 (from 1Y); also on KXPR 90.9's 92. Interactive Net-

work, a television game company in Mountain View CA, broadcasting data over SCAs at 9.6 K/b. These data allow customers to play along with TV programs in real time. "You guess the correct answer in Jeopardy, predict the next play in Football or Baseball, etc. A hand-held unit keeps track of your score for each game. At the end of a contest, you register your score via a telephone modem and compete with other hand-held units."

The units get their signals from local SCStations; in areas where SCS reception is poor the TV-VBI can be used to activate an infrared signal to the control unit. So far it's on only in Sacramento and San Francisco. It can also be used to answer questions on the news take part in surveys. Company headed by David B. Lockton, who has a background in SCS data at DataSpeed. Basic subscribing price is \$15/month, with competitive play options adding another \$50 to \$2 per program. Investors include NBC, United Artists, A. C. Nielsen and Rainbow Programming Enterprises (cable), who have plunked down some \$9.1 million on the project. IN has received patent No. 5,013,038 for the scoring system for its games and polling system.

CA San Francisco KSNB 94.9 1X, 92
 CA Santa Clara KARA 105.7 1X, 67
 CA Woodland KSFM 102.5 1X, 67, 1E, 92; all three Interactive Network

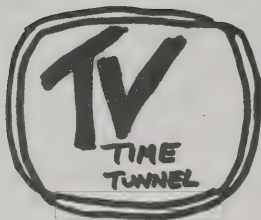
DC Washington WAMU 88.5 tZ, 67; tE, 92, Korean American Broadcasting Network. "I am the lawyer for the plaintiff, on the 92 kHz of WPGC-FM Morningside Heights MD, suing because K.A.B. is dumping receivers on the market. They are tunable and they have advertised in the Korean press that you don't have to rent a radio; buy one from us."

IN Lowell WZVN 107.1, buying some SCAdapters and thinking of experimenting with 67 or 92 kHz [weather on its SAP

MD Annapolis WMPF 22 has the NOAA/ MD Morningside WPGC-FM 95.5 tZ, Data Broadcasting Corp., 67; 1E, 92 (Korean)
 MN Minneapolis KBEM 88.5 1D, 57, to be testing the RDS system in connection with Metro Traffic Management—a three-year project

NY Schenectady WMMT-FM 89.1, responding to a budget crisis, in which co-owned WMHX (TV-45) was taken off the air, will reduce expenditures for RISE reading service, and looking for a company to underwrite such reads. WMMT-FM will, however, retain its all-night programming and there will be no staff firings.

OR Portland-AT8E declares bankruptcy; future of its on-air paging using a wristwatch unclear.



SPECIAL THANKS TO FELLOW WFTDA MEMBERS TIM CRONIN, ERIC VOYTKO, JOHN EBELING AND DOUG SMITH. MANY OF THE MYSTERIES OF CHANNEL ONE MIGHT HAVE GONE UNEXPLAINED WITHOUT THEIR CONTRIBUTIONS. EDITED BY TOM BRYANT, 849 TODD PREIS DR., NASHVILLE, TN 37221

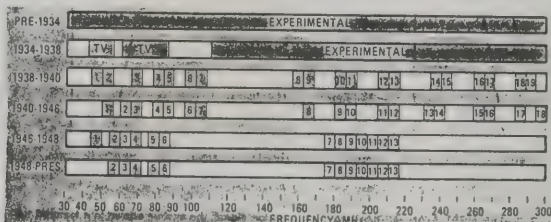
CHANNEL ONE

When studying the origin and history of TV Channel One, it seems that a trip back to 1928 is necessary to set the stage. It was in 1928 that RCA's W2XBS began experimental transmissions from the transmitting facility atop the Empire State Building. The very first RCA system used a 100 kHz wide channel at 2.0 to 2.1 MHz. That mechanical system scanned 60 lines per frame at 20 frames per second.

It became apparent almost at once that wider channels would be needed to improve video resolution; the first official move toward that end being made in 1934. Just prior to that, RCA had begun testing the first all-electronic system which scanned 240 lines at 24 frames per second in a 2 MHz bandwidth at approximately 45 Mhz.

On June 22, 1934, the FCC was established; and took on the task of spectrum allocation and rulemaking. Among their first actions was the establishment of tv frequencies adequate for two stations (42-56 and 60-86 MHz). No channel numbers were assigned to these two sets of frequencies. [Note: Prior to this time, everything above 30 MHz had been classified as experimental.]

There was now no doubt that this new form of communication would be a success, and that additional spectrum would have to be allocated to accommodate many more stations. All television operations in the original 2.0 to 2.1 MHz band were terminated by 1936, and in 1937 the FCC unveiled an expanded plan for frequencies designated as channels 1-19; and beginning with channel 1 at 44-50 MHz. The television industry was generally satisfied with this plan, although it was widely believed that only the seven lowest channels were of any practical value; the other 12 thought to be useable only for video relay networks. These new channels were each 6 MHz wide (the current standard); and became effective October 13, 1938. THAT'S THE BIRTH DATE OF CHANNEL ONE!



THE ABOVE CHART ILLUSTRATES HOW TV ALLOCATIONS HAVE EVOLVED SINCE THE EARLY '30s. IT WAS COPIED FROM MARCH 1982 "RADIO-ELECTRONICS" MAGAZINE.

The 1938 table of allocations stayed in force for less than two years. In the interim, limited commercial (and shortly afterward, full commercial) operation was allowed; and the NTSC [National Standards Television Committee] was pressed into action to formulate a single national system from the hodgepodge of experimental plans currently in use.

Continued.....

TIME TUNNEL: Channel One/Page 2

While the NTSC was hashing out the technical criteria, the FCC was taking another look at spectrum allocation. To accommodate the 150+ applications for experimental FM stations, the Commission made 42 to 50 MHz (which included Channel One) an FM-only band. This necessitated channel 1's move up to 50-56 MHz and channel 2 (which had been 50-56 MHz) was eased up to 60-66 MHz. Other minor adjustments ultimately resulted in an overall loss of one channel, dropping the total to 18.

Those changes were initiated on June 20, 1940, and remained in effect until mid-1945. Only the RCA station in New York was in operation on the original channel 1 at the time, and moved to the new channel 1 frequency without a great deal of fanfare.

By July 1, 1941, the FCC spectrum allocations and NTSC actions had cleared the path for the true beginning of commercial television; but on 'opening day' only two stations, both in New York, were licensed and ready for operation. W2XBS became WNBT, Channel One; and W2XAX (the CBS experimental venture) became WCBW, Channel Two.

It should be noted at this point that although there was only one commercial station on Channel One; several others held experimental permits and several were likely operational. The Channel One status at the end of 1941 follows:

WNBT	New York (NBC/commercial) - now WNBC/4
W1XG	Boston (General Television)
W3XWT	Washington, D.C. (DuMont) - now WTTG/5
W8XCT	Cincinnati (Crosley) - now WLWT/5
W9XZV	Chicago (Zenith) [later WTZR, but unused] - now WBBM/2
W9XUI	Iowa City (Iowa State University)
W9XAK	Manhattan, KS (Kansas State University)
W6XAO	Los Angeles (Don Lee Broadcasting) [later KTSL] - now KCBS/2
W6XDL	San Francisco (Don Lee Broadcasting)

During the war years, station construction was halted and operating hours for existing stations were cut to four per week. Meanwhile, communications technology made startling advances. Frequencies once considered useless had been proven otherwise; and even before the war ended, the FCC was busy studying ways to use the new bands. The plan that evolved became effective March 1, 1946.

There were few 'happy campers' in the industry. TV had been cut back to 13 channels..FM had been moved to 88-106 MHz (and soon afterward 108 MHz)..Channel One was moved back to the original 44-50 MHz! Why the discord? TV operators felt they had been short-changed, FM broadcasters had to start from scratch since all pre-1946 receivers were useless; and a 1000 watt limit was slapped on Channel One. TV's first channel had been relegated to a 'community channel'. Channels 2 thru 6 were allowed to operate with 50,000 watts, and all but channel 6 were shared with fixed and mobile services.

It was just over two years later, on June 14, 1948, that more allocation changes were made in an effort to reduce interference. Prior to that time, minimum distance between two stations on the same channel was reduced to 90 miles. The results were disastrous. CCI was intolerable. Interference to tv by the mobile services (and vice-versa) was terrible. The commission recognized the problems, and instituted the following changes. Mobile 'sharing' of the 72-76 MHz television frequencies was terminated; and as a tradeoff for 'interference-free' television channels, the broadcasters agreed to the Commission's proposal to return the 44-50 MHz band exclusively to mobile use. This move left the TV band starting at 54 MHz (channel 2). Rather than re-number the remaining channels, the FCC elected to begin the numbering at 2. AND SO; AS OF JUNE 14, 1948, CHANNEL ONE NO LONGER EXISTED...GONE AT LESS THAN AGE TEN.

QSL CORNER & LOGOS RUN

Thomas A. Yimline, Jr. KATOC, 221 Pinewood Road, Baltimore, MD 21222-2343

100,000 WATTS

WTTV CHANNEL-4 BLOOMINGTON INDIANA

THIS IS TO VERIFY YOUR REPORT OF
RECEPTION OF WTTV ON June 6, 1954
AT 8:04 AM E.S.T. THANKS VERY MUCH
FOR YOUR DX REPORT.

Carl W. Osburn
Chief Engineer

Reception of WDSU-TV verified for
8:02 - 8:30 AM EST, August 13, 1954



CLASSIC TV DX QSLs
from MARYLAND DXer
Hank Holbrook.....

VERIFICATION OF RECEPTION

Thank you for your report of June 26, 1954 advising us of your reception
of WKY-TV in Bethesda, Maryland

Transmitter and studio location: 500 East Britton Road,
6 miles North of Oklahoma City.

Frequency: 66-72 megacycles — Channel 4.

Video Power: 100,000 watts.

Audio Power: 60,000 watts.

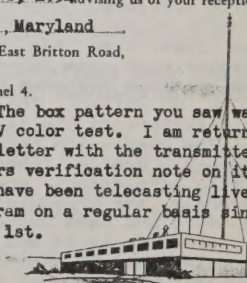
Tower Height: 975 feet.

The box pattern you saw was the
WKY-TV color test. I am returning
your letter with the transmitter en-
gineers verification note on it.

WKY-TV

We have been telecasting live color
program on a regular basis since
June 1st.

500 EAST BRITTON ROAD
OKLAHOMA CITY, OKLA.



CONTINUED FROM
PAGE 2: Dunkirk Convention/1991

Later in the day, Jim Dietrich gave a presentation on baluns, splitters, transformers, amplifiers and other antenna-related hardware and accessories. This talk had been presented at last year's convention in Manassas, VA; but was so timely that it rated an encore. This year, Jim had his custom line of baluns and amps available for purchase...and seemed to be doing a brisk business.

Many of the TV buffs brought pictures and tapes of their prize catches. Ron LeBlanc's tape of gulf tropo to FL, NC, and SC; as well as openings between New Orleans and Oklahoma City got lots of 'ooohs and ahhs' from viewers. Tom Yingling gave his tropo and Es tape a spin. Tom Bryant did the same...and also showed a visit to WWVH (Hawaii) along with highlights of last years meet in VA.

Bumper sticker collectors picked up plenty of new goodies. History buffs shuffled through ancient QSL cards and letters, plus several collections of off-the-air photos. TV unID's were examined by just about everyone attending. Some were nailed down...others remain a mystery (just ask Bill Eckberg about his 'chicken head' test pattern!).

IF filter conversion expert Bill Nienajadly, aided by assistant expert Bill Kretschmer, performed transplants on quite a number of fixed, portable, and auto receivers. The patients (and their owners) responded well to the procedure.

Needless to say, everyone had a super time. A lot of old acquaintances were renewed, and plenty of new ones made. If you couldn't make it, you missed a heck of a good weekend. If you've never been to a convention, why not make a commitment to attend in 1992? Once you've tried it, you'll find yourself drawn back again and again.

Although a site for the 1992 convention was not announced; the rumor mill produced speculation about several possibilities. The rumored sites are not listed here since all options are still open and anyone may submit an offer to the WTFDA Board of Directors.

Last, but certainly not least, a big "THANKS" to Bob Seybold for hosting. It's a lot of work and everyone really appreciated his efforts. A lot of us would probably like to go back to Bob's 'DX heaven' on the hill every year...but let's not wear out our welcome...OK?

1991 ATTENDEES: (Listed alphabetically by geographic area from a list supplied by Bob Seybold.) CT-Bill Nollman IL-Tom Depauw-Bill Eckberg-Jeff Kadet-Bob Kramer-Frank Merrill-Darryl Roberts-Mark Strickert IN-Roger Winsor-Bob Zent KS-Jim Dietrich LA-Jeff Kruszka-Ron LeBlanc MO-Tom Yingling MN-Bruce Elving NJ-Bill Kretschmer-Bill Nienajadly-Bob Smolarek NY-Greg Coniglio-Mike Coniglio-Mike Lapinski-Dave Nieman-Bob Seybold-Rich Wertman NC-Matt Sittel OH-George Greene-Tom Leu ON-Roger Gravelle-Bruce Hall TN-Tom Bryant VA-Jim Rollins-Mike Wimer

[Convention 1991 report written by Tom Bryant]

C O M I N G S O O N

VIDEO HIGHLIGHTS OF THE 1991 CONVENTION

[watch your VUD for details]



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6/92

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